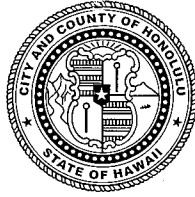


DEPARTMENT OF PLANNING AND PERMITTING  
**CITY AND COUNTY OF HONOLULU**

650 SOUTH KING STREET, 7TH FLOOR • HONOLULU, HAWAII 96813  
TELEPHONE: (808) 768-8000 • FAX: (808) 768-6041  
DEPT. WEB SITE: [www.honoluluodpp.org](http://www.honoluluodpp.org) • CITY WEB SITE: [www.honolulu.gov](http://www.honolulu.gov)



PETER B. CARLISLE  
MAYOR

DAVID K. TANOUE  
DIRECTOR

JIRO A. SUMADA  
DEPUTY DIRECTOR

April 2, 2012

The Honorable Ernest Y. Martin, Chair  
and Members  
Honolulu City Council  
530 South King Street, Room 202  
Honolulu, Hawaii 96813

Dear Chair Martin and Councilmembers:

Subject: Review of the Executive Capital Budget and  
Program for the Fiscal Year 2012-2013

Pursuant to Section 6-1503(c) of the Revised Charter of the City and County of Honolulu, attached is our review of the Executive Capital Budget and Program for the Fiscal Year 2012-2013, Bill 15 (2012). We find that the Executive Capital Budget and Program conforms to the General Plan and Development Plans through application of Section 4-8 Revised Ordinance of Honolulu regarding the Public Infrastructure Map.

Should you have any questions, please call me at 768-8000.

Very truly yours,

A handwritten signature in black ink, appearing to be "David K. Tanoue", written over a horizontal line.

David K. Tanoue, Director  
Department of Planning and Permitting

DKT:js

Enclosure

APPROVED:

A handwritten signature in black ink, appearing to be "Douglas S. Chin", written over a horizontal line.

Douglas S. Chin  
Managing Director

cc: The Honorable Peter B. Carlisle, Mayor  
BFS, Attn: Stephanie Laws

DEPT. COM. 189

2012 APR -2 PM 3:43  
RECEIVED  
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C & C OF HONOLULU

**CITY AND COUNTY OF HONOLULU**  
**DEPARTMENT OF PLANNING AND PERMITTING CIP CONFORMANCE REPORT**

**01 GENERAL GOVERNMENT**

**CW Staff Agencies**

**BFS Budget and Fiscal Services**

**1998602 PROCUREMENT OF MAJOR EQUIPMENT**

Acquisition of major equipment for agencies/departments to deliver services to the public in a timely and cost effective manner.

<b>Recommended</b>	
E	20,440
<b>Total:</b>	20,440

**Conformity Comments**

EXEMPT PROJECT: The purchase of equipment is exempt from needing a PIM revision. (ROH Section 4-8.1).

Purchase of major equipment for agencies or departments to operate effectively and to provide essential public services. The equipment may include trucks, vehicles, heavy equipment and computer hardware and software needed to improve the delivery of services.

**1979110 PROJECT ADJUSTMENTS ACCOUNT**

Funding for any project cost exceeding the estimate for land acquisition, planning, design, construction, inspection, other equipment, and relocation for projects included in the capital budget.

<b>Recommended</b>	
X	3
<b>Total:</b>	3

**Conformity Comments**

EXEMPT PROJECT: This is a miscellaneous fund for project costs exceeding the estimated costs listed in the capital budget. It covers all costs, including land acquisition, planning, design, construction, inspection, other equipment, and relocation. Designation on the PIM is not required for funding for project adjustments. (Section 4-8.1)

Funds from this account may be expended to pay for any excess in contract price(s) or project cost when the contract price(s) or the project cost exceeds the city's estimate for land acquisition, planning, design, construction, inspection, relocation and equipment for projects included in the capital improvements program and budget.

**DIT Information Technology**

**2002750 INTEGRATED FINANCIAL & HUMAN RESOURCE SYSTEM (FINANCIAL ACCOUNTING SYSTEM)**

Complete Payroll/Human Resource phase of project.

<b>Recommended</b>	
D	315
X	120
<b>Total:</b>	435

**Conformity Comments**

EXEMPT PROJECT: The design, purchase and replacement of financial accounting system equipment is exempt from needing a PIM revision. (ROH Section 4-8.1)

Design and develop an integrated Enterprise Resource Planning (ERP) system solution to replace the legacy financial accounting system (CIFIS), payroll/personnel system (CHRS) and fixed asset system (FACS). Project will be undertaken through phases, the first phase is replacement of the financial system and the second phase would integrate the Payroll/HR systems within three years. An integrated ERP system will facilitate the City's efficiency with the management of additional information and reports, without an increase in staffing requirements.

**CL Public Facilities-Additions And Improvements****DDC Design and Construction****1998007 ENERGY CONSERVATION IMPROVEMENTS**

Plan, design, construct, inspect and provide related equipment for energy conservation (efficiency) improvements at various City facilities.

Plan, design, construct, provide construction inspection and related equipment for energy conservation and renewable energy systems at various City-owned facilities.

Recommended	
P	100
D	100
C	245
I	45
E	10
<b>Total:</b>	<b>500</b>

**Conformity Comments**

MINOR PROJECT: The project is not considered major and does not need a PIM revision. It is limited to planning, design, and construction of energy conservation (efficiency) improvements and related equipment at City facilities. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)

**1995006 KAPOLEI CONSOLIDATED CORPORATION YARD**

Design, construct, inspect and purchase equipment for the final phase of the master planned corporation yard.

Development of the master planned consolidated corporation yard for the Department of Facilities Maintenance on a 19 acre parcel at Kapolei as provided per UNILATERAL AGREEMENT AND DECLARANT FOR CONDITIONAL ZONING FOR THE KAPOLEI CITY dated February 27, 1990 by THE TRUSTEES UNDER THE WILL AND OF THE ESTATE OF JAMES CAMPBELL, DECEASED.

Operating Impact: The investments in capital improvements will initially not have an impact on the operating budget as staffing and equipment will be relocated from the Pearl City Corporation Yard.

Recommended	
D	10
C	3,360
I	10
E	20
<b>Total:</b>	<b>3,400</b>

**Conformity Comments**

CONFORMING PROJECT: The Ewa PIM shows a corporation yard symbol (No. 43) for this project. Development of this project for the Department of Facilities Maintenance's (DFM) Automotive Engineering Services (AES) fueling and driver training facilities will benefit various City agencies. The project is consistent with the Ewa DP, which indicates that Capital Improvement Projects shall be developed to support High Priority Areas such as the City of Kapolei, Ko Olina, and the new Ewa Communities.

**2009025 MANANA CORPORATION YARD IMPROVEMENTS**

Plan and design corporation yard improvements.

Plan, design and construct a new corporation yard for the Department of Facility Maintenance (DFM) and the Department of Parks and Recreation (DPR) Public Building and Electrical Maintenance Division (DFM-PBEM) and Maintenance Support Services (DPR-MSS). Corporation yard facility elements such as a new warehouse, offices, locker rooms, shops, storage facilities will be included to support operational requirements.

Recommended	
P	10
D	190
<b>Total:</b>	<b>200</b>

**Conformity Comments**

CONFORMING PROJECT: The Primary Urban Center (PUC) PIM shows a corporation yard symbol (PIM No. 108) for this project. This project will replace existing facilities in one portion of the site with a new corporation yard for the Public Building and Electrical Maintenance Division of DFM. The project supports policies in the PUC Development Plan on ensuring public safety through adequate facilities and adequately trained staff.

**2004050 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) MODIFICATION FOR CORPORATION YARDS**

Acquire land, plan, design, construct, inspect and provide related equipment for NPDES improvements.

(8) Corporation Yards and (4) Satellite Yards need modification to control site runoff and discharges from equipment to prevent pollution of our drainage and coastal waterways. Vehicle wash down and corporation yard runoff is presently not contained in an environmentally acceptable manner. (Adding Halawa Corp Yard.)

Recommended	
L	10
P	10
D	70
C	1,600
I	300
E	10
<b>Total:</b>	<b>2,000</b>

**Conformity Comments**

MINOR PROJECT: The project is not considered major and does not need a PIM revision. It funds improvements at various City corporation yards, including planning, design, construction, meeting NPDES requirements, construction inspection, and related equipment. The project does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)

1987042 PUBLIC BUILDING FACILITIES IMPROVEMENTS		Recommended	Conformity Comments
Plan, design, construct, inspect and provide related equipment for improvements to City-owned facilities.  To fund primarily urgent unanticipated improvements to City-owned public facilities.	P	40	MINOR PROJECT: The project is not considered major and does not need a PIM revision. It funds urgent unanticipated improvements to City-owned facilities at various locations, including planning, design, construction, construction inspection, and related equipment. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)
	D	240	
	C	2,120	
	I	85	
	E	15	
	<b>Total:</b>	2,500	

2002080 TELECOMMUNICATIONS FACILITIES UPGRADE		Recommended	Conformity Comments
Acquire land, plan, design and construct telecommunication site improvements, provide construction inspection and related equipment.  Upgrade public safety telecommunication sites which include but not limited to: towers, electrical, structural, air conditioning, radio channels expansion, and security infrastructure upgrades.	L	5	EXEMPT PROJECT: Telecommunications facilities are not a type of project required to be shown on the PIM. (ROH Section 4-8.3)
	P	50	
	D	500	
	C	1,500	
	I	100	
	E	345	
	<b>Total:</b>	2,500	

## CE Public Facilities-Improvements-Land Acquisitions

### DDC Design and Construction

1971153 LAND EXPENSES		Recommended	Conformity Comments
Provision of funds for incidental land expenses such as for unforeseen additional lands and easements, temporary easements, appraisals, relocation assistance, document fees, and other related land expenses involving CIP projects and other related land related services, such as appraisals of city-owned properties for sale and/or disposition, including the City's housing buy back program shared appreciation.  Funds provided for incidental land expenses such as for unforeseen additional lands and easements, temporary easements, appraisals, relocation assistance, document fees, and other related land expenses involving CIP projects and other related land related services, such as appraisals of city-owned properties proposed to be developed.	L	175	MINOR PROJECT: This is an islandwide miscellaneous fund for incidental land expenses. It includes unforeseen needs to acquire more land or easements, relocation assistance, and appraisals of City-owned land for the purpose of either development or disposition. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)
	R	25	
	<b>Total:</b>	200	



**02 PUBLIC SAFETY****DS Police Stations And Buildings****DDC Design and Construction****2007020 HONOLULU POLICE DEPARTMENT NPDES SMALL MS4 PERMIT PROGRAM**

Design, construct, inspect and provide related equipment for NPDES improvements to police stations and facilities.

Plan, design and construct improvements which include vehicle and equipment wash racks; structural Best Management Practices (BMPs), and covered storage for heavy vehicles and oil products at police stations and facilities.

Recommended	
D	20
C	350
I	10
E	10
<b>Total:</b>	<b>390</b>

**Conformity Comments**

MINOR PROJECT: The project is not considered major and does not need a PIM revision. The funds will be used to design and construct improvements at various police stations and facilities to meet NPDES requirements, and provide construction inspection and equipment. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)

**2009034 MICROWAVE RADIO SPUR EQUIP AND FACILITIES UPGRADE**

Plan, design, construct, inspect and provide related equipment for microwave spur radio antenna tower and supporting facilities improvements.

Upgrade microwave spur radio antenna tower and supporting facilities that interface with the city's microwave loop to each district police station.

Recommended	
P	5
D	20
C	100
I	50
E	100
<b>Total:</b>	<b>275</b>

**Conformity Comments**

EXEMPT PROJECT: Telecommunications facilities are not a type of project required to be shown on the PIM. (ROH Section 4-8.3)

**2002025 POLICE STATIONS BUILDINGS IMPROVEMENTS**

Plan, design, construct, inspect and provide related equipment for improvements to police stations and facilities.

Plan, design and construct improvements (inclusive of energy conservation improvements) to police stations and building to extend the useful life of the facility.

Recommended	
P	55
D	120
C	1,795
I	20
E	10
<b>Total:</b>	<b>2,000</b>

**Conformity Comments**

MINOR PROJECT: The project is not considered major and does not need a PIM revision. The funds will be used to plan, design and construct building improvements at various police stations; and provide construction inspection and related equipment. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)

**2006034 UPGRADE SECURITY CAMERA SYSTEMS AT VARIOUS POLICE FACILITIES**

Plan, design, construct, inspect and provide related equipment for security camera system improvements.

Multi-year program to update/modernizing existing audio/video security camera systems to digital recording system for both interior and exterior of various police facilities, beginning with Alapai, Wahiawa and Pearl City. System to be installed will be a centralized Access Control and Monitoring System (ACAMS) to include cameras, access controls, ID badging, and intrusion detection devices.

Recommended	
P	10
D	20
C	350
I	40
E	110
<b>Total:</b>	<b>530</b>

**Conformity Comments**

EXEMPT PROJECT: The purchase and installation of equipment such as security cameras at various police stations is exempt from needing a PIM revision. (ROH Section 4-8.1)

2006039 WAIANAE POLICE STATION REPLACEMENT		Recommended	Conformity Comments
Plan, design, construct, inspect and provide related equipment for a replacement police station.  Plan, design and construct a replacement police station in Waianae; multi-year funded.	P	10	CONFORMING: The Waianae PIM shows a Police Station symbol (PIM No. 022) for this project. The existing Waianae Police Substation will be demolished and replaced with a new, larger district-level police station.
	D	10	
	C	4,880	
	I	500	
	E	250	
	<b>Total:</b>	5,650	

## HPD Police

2005028 HONOLULU POLICE DEPARTMENT EQUIPMENT ACQUISITION		Recommended	Conformity Comments
Acquisition of replacement equipment essential to police operations.	E	3,365	EXEMPT PROJECT: The purchase of replacement equipment is exempt from needing a PIM revision. (ROH Section 4-8.1)
Acquisition of equipment essential to police operations such as patrol cars and motorcycles, replacement of aging computer aided dispatch (CAD) and records management system (RMS) equipment.	<b>Total:</b>	3,365	

## DM Fire Stations And Buildings

### DDC Design and Construction

2003029 CHARLES H. THURSTON TRAINING CENTER (HFD TRAINING CENTER)		Recommended	Conformity Comments
Master plan facility improvements.	P	100	CONFORMING PROJECT: The Primary Urban Center (PUC) PIM shows a fire station symbol (PIM No. 011) for this project. This project will establish a master plan and design for the HFD Training Center to include additional classroom space, recruit training facility, and review of the existing structure. The existing facility has inadequate classroom space for the numerous required training classes. A new recruit facility will ensure that recruit training and certification requirements are maintained without interruption of other on-going training classes. The HFD needs to maximize use of the existing space to meet safety and training requirements. The project supports the policies and guidelines in the PUC Development Plan that advocate providing adequate trained staff and facilities to ensure public safety.
Master plan and design for the HFD Training Center to include additional classroom space, recruit training facility, and review of the existing structure related to the master plan.	<b>Total:</b>	100	
Operating Impact: The capital improvements planned will not have an impact on the operating budget until construction of the proposed additional training space. Additional personnel and maintenance would then have an operating impact on the City's budget.			

1976166 EWA BEACH FIRE STATION RELOCATION (OCEAN POINTE)		Recommended	Conformity Comments
Provide construction management services.		I 100	CONFORMING PROJECT: The Ewa PIM shows a fire station symbol (PIM No. 010) for this project. The funds will be used for the Ocean Pointe Fire Station (fka the Ewa Beach Fire Station) and related off-site improvements. The project is one of the four fire stations estimated for the Ewa area in the Ewa DP to meet the projected population and economic growth by 2020. In addition, the project supports the general policies and guidelines in the Ewa Development Plan, that advocate providing adequate trained staff and facilities needed to ensure protection of public safety.
Construct a new fire station on approximately one-acre site in the Ocean Pointe subdivision.		Total: 100	
1998021 FIRE STATION BUILDINGS IMPROVEMENTS		Recommended	Conformity Comments
Plan, design, construct and provide construction inspection and related equipment for facility improvements.		P 10	MINOR PROJECT: The project is not considered major and does not need a PIM revision. The funds will be used to plan, design, and reconstruct/renovate the interiors and exteriors of existing fire facilities to meet fire operation requirements at various locations; and provide construction inspection and related equipment. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)
Plan, design and construct improvements (inclusive of energy conservation improvements) to fire stations and buildings to extend the useful life of the facility.		D 305	
		C 1,585	
		I 80	
		E 20	
		Total: 2,000	
2000068 HAUULA FIRE STATION RELOCATION		Recommended	Conformity Comments
Plan, design and construct new fire station and related improvements.		P 50	CONFORMING PROJECT: The Koolauloa PIM shows a fire station symbol (PIM No. 009) for this project. The funds will be used to acquire land for relocation of the existing substandard Hauula Fire Station outside of the coastal flood inundation zone, and replacement of the existing fire station with a modern facility to meet current fire operation standards. The project supports the policies and guidelines in the Koolauloa Sustainable Communities Plan (SCP) that recognize the need to relocate the existing fire station outside of the flood plain, and identify the need to provide adequate staffing and facilities for fire/ambulance and police protection to support new developments.
Acquire land outside the inundation zone to construct a replacement fire station. The replacement fire station will not increase the capacity, change the function or the existing fire station, or change the service area. If CDBG funds are available, the new facility should be located out of the floodway land to qualify for CDBG funding.		D 100	
		C 500	
		Total: 650	
2007012 HONOLULU FIRE DEPARTMENT NPDES SMALL MS4 PERMIT PROGRAM		Recommended	Conformity Comments
Plan, design, construct, inspect and provide related equipment for NPDES improvements to fire stations and facilities.		P 5	MINOR PROJECT: The project is not considered major and does not need a PIM revision. The funds will be used to plan, design, and construct improvements at various fire stations and facilities to meet National Pollution Discharge Elimination System (NPDES) requirements; and provide construction inspection and related equipment. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)
Plan, design and construct improvements which include vehicle and equipment wash racks; structural Best Management Practices (BMPs), and covered storage for heavy vehicles and oil products at fire stations and facilities.		D 45	
		C 350	
		I 20	
		E 5	
		Total: 425	

<b>2005021 HONOLULU FIRE DEPARTMENT EQUIPMENT ACQUISITION</b>		<b>Recommended</b>	<b>Conformity Comments</b>
Acquisition of replacement equipment essential to fire operations.	E	4,125	EXEMPT PROJECT: The purchase of equipment is exempt from needing a PIM revision. (ROH Section 4-8.1)
Acquisition of replacement equipment essential to fire operations.	<b>Total:</b>	4,125	

## **EQ Traffic Improvements**

### **DTS Transportation Services**

19993111 COMPUTERIZED TRAFFIC CONTROL SYSTEM		Recommended	Conformity Comments
Design, construct, inspect and purchase equipment for traffic cameras, signal controls and traffic center technology at various locations.	D	375	EXEMPT PROJECT: The purchase and installation of equipment such as traffic cameras signal controls and traffic center technology at various locations is exempt from needing a PIM revision. (ROH Section 4-8.1)
	C	2,974	
	I	50	
	E	1	
To expand the Intelligent Transportation Systems (ITS) program and components by installing additional traffic cameras at various locations on Oahu. The project includes the design and construction of traffic cameras, and the installation and implementation of the latest technological innovations (i.e., transportation communication networks, traffic signal coordination applications, traffic monitoring cameras & traffic optimization programs) directed to reduce traffic delays, and mitigate congestion. Design, construct, inspect and purchase equipment for traffic cameras, signal controls and traffic center technology at various locations such as, construction work in Mililani Town and expand fiber to Wahiawa and design work in Makakilo and expand fiber to Nanakuli. Phase 17: Design. Phase 15: Construction.		Total:	3,400

2010026 PEDESTRIAN SAFETY IMPROVEMENTS		Recommended	Conformity Comments
Design, construct and inspect pedestrian safety improvements in Kailua.		D 200	MINOR: This project involves the design, construction, and inspection of pedestrian safety improvements in Kailua. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)
		C 1,100	
Design, construct and inspect pedestrian safety improvements along Ku'ulei Road between Maluniu Avenue and Kailua Road/Oneawa Street in Kailua. Work will include re-construction of sidewalks, median islands and traffic signals.		I 165	
		Total: 1,465	

2010030 TRAFFIC ENGINEERING DEVICES AT VARIOUS LOCATIONS		Recommended	Conformity Comments
Plan, design, construct, inspect and purchase equipment for traffic engineering devices at various locations.		P 10	MINOR PROJECT: The project is not considered major and does not need a PIM revision. The funds will be used to design and construct traffic safety devices at various locations to address public complaints such as speeding and traffic safety issues in a timely manner. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)
In the past, DTS has been unable to install relatively low cost traffic engineering solutions to address public complaints such as speeding and traffic safety issues in a timely manner. For example, the public has been increasingly frustrated over how long it takes to perform a single roadway striping after it has been determined that striping was warranted. This project will enable DTS to address the public's frustration over these long delays by solving these relatively low cost traffic engineering solutions in a timely manner. Plan, design, construct, inspect and purchase equipment for traffic engineering devices at various locations such as University/Manoa, Kaneohe communities.		D 200	
		C 700	
		I 80	
		E 10	
		Total: 1,000	

1996306 TRAFFIC IMPROVEMENTS AT VARIOUS LOCATIONS	Recommended	Conformity Comments
<p>Design, construct and inspect traffic improvements at various locations.</p> <p>The installation of capital and operational improvements at various islandwide locations to reduce traffic congestion and potential conflicts with vehicular, pedestrian and bicycle traffic at busy intersections and local and major streets. Design, construct and inspect traffic improvements at various locations such as, Palolo and 10th Avenue, Harding and 5th and 11th Avenues.</p>	<p>D 300</p> <p>C 1,852</p> <p>I 464</p> <p><b>Total:</b> 2,616</p>	<p>MINOR PROJECT: The project is not considered major and does not need a PIM revision. The funds will be used to design, construct, and inspect traffic improvements at various locations to reduce traffic congestion and potential conflicts between vehicular, pedestrian and bicycle traffic at busy intersections and local and major streets. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)</p>
2006016 TRAFFIC SIGNAL MAINTENANCE FACILITY	Recommended	Conformity Comments
<p>Construct a traffic signal maintenance facility.</p> <p>Construct a traffic signal maintenance facility for storage of existing equipment and supplies necessary to operate and maintain traffic and pedestrian signals and traffic related technology.</p>	<p>C 5,000</p> <p><b>Total:</b> 5,000</p>	<p>CONFORMING PROJECT: The Primary Urban Center (PUC) PIM shows a corporation yard symbol (PIM No. 108) for this project. This project will replace the temporary traffic signal maintenance facility (currently located in a trailer) with a permanent facility in generally the same location within the baseyard. The findings of the Concept of Operations Plan mandated by the Federal Highway Administration (FHWA) as a part of the requirement for federal funding for City Traffic Signals and Technology Operations and Capital Improvements, revealed that there was insufficient storage space for existing equipment in the existing temporary facility. FHWA indicated that if this requirement is not fulfilled, and the City is unable to properly maintain the existing signals for Oahu, federal funding may be restricted. The project supports the policies and guidelines in the PUC Development Plan that advocate providing adequate trained staff and facilities needed to ensure protection of public safety.</p>
2007001 TRAFFIC SIGNAL OPTIMIZATION	Recommended	Conformity Comments
<p>Plan and design traffic signal timing plans.</p> <p>To develop and implement optimum traffic signal timing plans for approximately 150 traffic signalized intersections. Plan and design traffic signal timing to reflect traffic patterns and reduce traffic congestion, volume and pollution at various areas such as, Kapolei/Ewa, Waikale, Pearl City, Moanalua/Puuloa, Waikiki, Kailua, and Downtown Honolulu.</p>	<p>P 1</p> <p>D 600</p> <p><b>Total:</b> 601</p>	<p>EXEMPT PROJECT: The planning of traffic signal timing improvements is exempt from needing a PIM revision. (ROH Section 4-8.1)</p>
1999312 TRAFFIC SIGNALS AT VARIOUS LOCATIONS	Recommended	Conformity Comments
<p>Plan, design, construct, inspect and purchase equipment for traffic signals at various locations.</p> <p>An ongoing program to facilitate the safe and orderly movement of vehicular and pedestrian traffic at various locations. Includes installing/modifying traffic signals and upgrading existing traffic signals on Oahu. Phase 15: Construction, Phase 16: Design.</p>	<p>P 1</p> <p>D 350</p> <p>C 3,826</p> <p>I 20</p> <p>E 1</p> <p><b>Total:</b> 4,198</p>	<p>EXEMPT PROJECT: The purchase and installation of traffic signals at various locations is exempt from needing a PIM revision. (ROH Section 4-8.1)</p>

**2003223 WAIPIO POINT ACCESS ROAD IMPROVEMENTS**

Construct roadway improvements.

The Navy granted the City an easement for the use of Waipio Access Road. The City will plan, design, and construct roadway improvements necessary to meet the conditions of the easement. These improvements include: roadway improvements, drainage improvements, parking improvements, and a pedestrian bicycle multi-path that connects to the Pearl Harbor bike trail that will facilitate the orderly flow of traffic to access the Waipio Soccer Complex on the roadway up to the entrance of the Waipio Peninsula Soccer Complex.

**Recommended**

C 500  
**Total:** 500

**Conformity Comments**

**CONFORMING PROJECT:** The Central Oahu PIM shows a park (Waipio Peninsula Recreation Complex) and collector roadway symbol (PIM No. 007) for this project. The U.S. Navy granted the City an easement for the use of Waipio Point Access Road. The funds will be used to construct roadway improvements on Waipio Point Access Road, which will facilitate the flow of traffic up to the entrance of the Waipio Peninsula Soccer Complex (subsequently, renamed the Patsy Mink Soccer Complex). The project includes drainage and parking improvements, and a multi-use path for pedestrians and bicyclists that connects to the Pearl Harbor bike trail. The project supports the policies and guidelines in the Central Oahu Sustainable Communities Plan (SCP) that recognize the need for the Waipio Peninsula Soccer Park to be built, and that advocate the important role of parks in preserving the open space network.

**EN Flood Control****DDC Design and Construction****2000101 FLOOD CONTROL IMPROVEMENTS AT VARIOUS LOCATIONS**

Acquire land, plan, design, construct and inspect (including reviews) flood control improvements at various locations.

Miscellaneous flood control improvements at various locations. Flood control improvements to include: channel wall reconstruction, invert reconstruction, debris basin reconstruction, fencing and access improvements.

Operating Impact: The capital improvements planned will not have an impact on the operating budget until the construction of the proposed improvements. Additional personnel and current expense would then have an operating impact on the City's budget.

**Recommended**

L 1  
P 400  
D 300  
C 500  
I 30  
**Total:** 1,231

**Conformity Comments**

**MINOR PROJECT:** The project is not considered major and does not need a PIM revision. The funds will be used to acquire land, plan, design, construct and inspect flood control improvements at various locations. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)

**2004020 HALAWA STREAM DREDGING**

Design dredging improvements

Planning, design and construction dredging to restore drainage capacity of Halawa Stream.

Operating Impact: The capital improvements planned will not have an impact on the operating budget until construction of the proposed dredging. Additional personnel and current expense would then have an operating impact on the City's budget.

**Recommended**

D 100  
**Total:** 100

**Conformity Comments**

**MINOR PROJECT.** The project is not considered major and does not need a PIM revision. It is limited to the dredging of Halawa Stream to restore drainage capacity. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)

**1998503 KAPUNAHALA STREAM FLOOD CONTROL PROJECT, KANEOHE, TMK:4-5-23 & 24.**

Design flood control improvements.

Develop alternatives for flood control in the Kapunahala subdivision. Prepare construction documents, cost estimates and environmental documents. Conduct hydraulic analysis and construct improvements.

**Recommended**

D 200  
**Total:** 200

**Conformity Comments**

**DESIGN FUNDS ONLY:** This project involves only funds to design flood control improvements for the Kapunahala Stream Flood Control Project in Kaneohe. Designation on the PIM is not required at the planning stage. (ROH Section 4-8.1)

**1994514 WAILELE STREAM FLOOD CONTROL STUDY, LAIE, TMK: 5-5**

Provision of City's and developer's share of planning for flood mitigation study.

Feasibility study for possible flood control project to be implemented in conjunction with Corps of Engineers. The C&C will be the local sponsor for this project. City share \$165,000, Developer share \$165,000 and Federal share \$330,000. Study to be undertaken by Army Corp of Engineers.

**Recommended**

P 330  
**Total:** 330

**Conformity Comments**

**PLANNING FUNDS ONLY:** This project involves only planning funds for the preparation of a feasibility study for a possible flood control project to be implemented in conjunction with the U.S. Army Corps of Engineers for Waiele Stream in Laie. Designation on the PIM is not required at the planning and design stage. (ROH Section 4-8.1)

**EJ Other Protection-Miscellaneous****DDC Design and Construction****2005002 DRAINAGE OUTFALL IMPROVEMENTS**

Plan, design and construct drainage improvements at various locations.

Planning, design and construct improvements for various existing City drainage outfalls on the island of Oahu for the design and construction of improvements.

**Recommended**

P 10  
D 275  
C 10  
**Total:** 295

**Conformity Comments**

**MINOR PROJECT:** The project is not considered major and does not need a PIM revision. The funds will be used to plan, design and construct improvements at various existing City drainage outfalls at various locations on Oahu. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)

**2013087 PUHAWAI ROAD CULVERT DRAINAGE IMPROVEMENTS**

Plan, design and construct flood control improvements

Plan, design and construct flood control improvements at Puhawai Road Culvert.

**Recommended**

P 150  
D 350  
C 1,500  
**Total:** 2,000

**Conformity Comments**

**EXEMPT PROJECT:** Drainage improvements for existing streets are not a type of project required to be shown on the PIM. (ROH Section 4-8.3)

**2001154 ROCK SLIDE POTENTIAL INSPECTIONS AND MITIGATIVE IMPROVEMENTS**

Acquire land, plan, design, construct and inspect mitigative measures for unanticipated rockfall and other earth stability hazards.

Inspect embankments on City & County streets and roads for rockfall and other earth stability hazards. Overall program includes prioritization of areas based on evaluation; recommendation of mitigative alternatives with associated cost; and design, construction and inspection of mitigative areas.

Operating Impact: The capital improvements planned will not have an impact on the operating budget until construction of the proposed improvements. Additional personnel and current expense would then have an operating impact on the City's budget.

**Recommended**

L 10  
P 10  
D 400  
C 1,500  
I 150  
**Total:** 2,070

**Conformity Comments**

**EXEMPT PROJECT:** Rockfall mitigation measures are not a type of project required to be shown on the PIM. (ROH Section 4-8.3)

**03 HIGHWAYS AND STREETS****KX Bikeways And Bikepaths****DTS Transportation Services****1979063 BICYCLE PROJECTS**

Acquire land, plan, design, construct, inspect and purchase equipment for bikeway improvements at various locations.

An on-going island-wide program for the implementation of the Oahu Bicycle Master Plan improvements, the development of new projects, and the upgrade of existing bicycle facilities. Plan, design, construct, inspect, acquire land and purchase equipment for bikeway improvements at various locations, such as Waialae Avenue; 18th and Makapuu Avenues.; Diamond Head Road; Monsarrat Avenue and Hamakua Drive.

Recommended	
L	1
P	1
D	140
C	1,100
I	50
E	10
<b>Total:</b>	<b>1,302</b>

**Conformity Comments**

EXEMPT PROJECT: Bike paths and other bikeway improvements are not a type of project required to be shown on the PIM. (ROH Section 4-8.3)

**JG Highways, Streets And Roadways****DDC Design and Construction****1988001 CURB RAMPS AT VARIOUS LOCATIONS, OAHU**

Design, construct and inspect ADA curb ramps and provide funding for a court monitor.

Design, construct and inspect the construction work of ADA improvements within public right-of-ways to provide compliance with ADA Curb Ramp Transition Plan, requests from the physically impaired and for alteration projects.

Recommended	
D	400
C	1,450
I	140
X	10
<b>Total:</b>	<b>2,000</b>

**Conformity Comments**

EXEMPT PROJECT: Curb ramp improvements are not a type of project required to be shown on the PIM. (ROH Section 4-8.3)

**1998515 GUARDRAIL IMPROVEMENTS**

Design, construct and inspect guardrails at various locations.

Design, construct and inspect guardrail improvements at various locations.

Recommended	
D	100
C	200
I	1
<b>Total:</b>	<b>301</b>

**Conformity Comments**

EXEMPT PROJECT: Guardrail improvements are not a type of project required to be shown on the PIM. (ROH Section 4-8.3)



2011092 HALEIWA WALKWAY IMPROVEMENTS	Recommended	Conformity Comments
<p>Plan and design walkway improvements.</p> <p>Plan and design walkways and other related improvements as described in Resolution 09-338, CD1. Construct walkways and other roadway improvements along Kamehameha Highway in Haleiwa between the Opacula Stream Bridge and the Anahulu River Bridge as described in Resolution 09-338, CD1.</p>	<p>P 1,800</p> <p>D 35</p> <p><b>Total:</b> 1,835</p>	<p>CONFORMING PROJECT: The North Shore PIM shows a Arterial or Major Collector Roadway symbol (PIM No. 005) for this project. The project involves the planning and design of walkways and other roadway improvements along Kamehameha Highway in Haleiwa between the Opacula Stream Bridge and the Anahulu River Bridge as described in Resolutuion 09-338, CD1. The project is consistent with policies in the North Shore Sustainable Communities Plan and design controls for the Haleiwa Special District that call for providing roadway improvements and pedestrian walkways linking commercial establishments within Haleiwa Town with attractions such as farmer's markets, beach parks, Haleiwa Harbor, and Loko Ea Fishpond.</p>
2004015 HIGHWAY STRUCTURE IMPROVEMENTS	Recommended	Conformity Comments
<p>Acquire land, plan, design, construct and inspect highway, drainage and earth retaining structures at various locations.</p> <p>Plan, design and construct highway and drainage structure improvements at various locations .</p>	<p>L 1</p> <p>P 10</p> <p>D 350</p> <p>C 1</p> <p>I 1</p> <p><b>Total:</b> 363</p>	<p>MINOR PROJECT: This is an islandwide miscellaneous fund for structural improvements to and along various roadways. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)</p>
1998537 RECONSTRUCTION OF CONCRETE SIDEWALKS	Recommended	Conformity Comments
<p>Reconstruct sidewalks.</p> <p>The reconstruction/replacement of existing concrete sidewalks at various locations.</p>	<p>C 1,000</p> <p><b>Total:</b> 1,000</p>	<p>MINOR PROJECT: This is an islandwide miscellaneous fund for the reconstruction/ replacement of existing concrete sidewalks at various locations. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4).</p>
1997502 REHABILITATION OF STREETS	Recommended	Conformity Comments
<p>Plan, design, construct and inspect street rehabilitation at various locations.</p> <p>Rehabilitation of existing roadways at various locations throughout the City. The work includes cold planing and/or excavation to re-establish original grades of roadway surfaces, reconstruction of the deteriorated base/pavement, resurfacing with asphalt concrete overlay or reconstruction with concrete pavement, and other related improvements such as street beautification.</p>	<p>P 10</p> <p>D 2,195</p> <p>C 74,410</p> <p>I 385</p> <p><b>Total:</b> 77,000</p>	<p>MINOR PROJECT: This is an islandwide miscellaneous fund for rehabilitation along various streets. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)</p>
1991064 UTILITY SHARE EXPENSES	Recommended	Conformity Comments
<p>Pay for utility company's share of construction costs.</p> <p>Provide funds to the appropriate utility companies to share in construction costs.</p>	<p>C 100</p> <p><b>Total:</b> 100</p>	<p>EXEMPT PROJECT: This is an islandwide miscellaneous fund to reimburse utility companies for construction work that they do but which the City helps to pay for. Designation on the PIM is not required for reimbursements to others. (Section 4-8.1)</p>

**1995515 WAIKIKI IMPROVEMENTS**

Design Phase II sidewalk improvements along Kuhio Avenue and Saratoga Road.

Reconstruction of sidewalks, driveways and landscaping along Kalakaua Avenue.

**Recommended**

D 800

**Total:** 800

**Conformity Comments**

MINOR PROJECT: The project is not considered major and does not need a PIM revision. It is limited to sidewalk and driveway improvements in Waikiki. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)

**DTS Transportation Services****2013026 KALAELOA BOULEVARD RESTORATION**

Design, construct and inspect roadway improvements.

To design, construct and inspect improvements on Kalaeloa Boulevard between OR&L Railroad to Lauwiliwili Street (Mauka).

**Recommended**

D 1

C 1,631

I 150

**Total:** 1,782

**Conformity Comments**

MINOR PROJECT: The project is not considered major and does not need a PIM revision. The project is limited to the design, construction and inspection of roadway improvements to relieve traffic congestion for a short stretch of Kalaeloa Boulevard between the OR&L Right-of-Way and Lauwiliwili Street in West Kapolei. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)

**2011028 KAPOLEI PARKWAY CONSTRUCTION**

Construct and inspect an extension of the existing Kapolei Parkway and its adjoining roadways.

To construct and inspect an extension of the existing Kapolei Parkway from Kamokila Blvd. to Kamaaha Ave. and adjoining roadways.

**Recommended**

C 1,870

I 330

**Total:** 2,200

**Conformity Comments**

CONFORMING PROJECT: The Ewa PIM shows an arterial roadway symbol (PIM No. 038) for Kapolei Parkway. The project is consistent with the Ewa Development Plan which calls for this east-west connector roadway.

**KF Bridges, Viaducts And Grade Separation****DDC Design and Construction****2000060 BRIDGE INSPECTION, INVENTORY AND APPRAISAL**

Conduct bridge inspection and appraisal at various locations.

Conduct bridge inspection and appraisal at various locations. Federal funds will be matched for all bridges over 20 feet span.

**Recommended**

I 1,250

**Total:** 1,250

**Conformity Comments**

MINOR PROJECT: This is an islandwide miscellaneous fund for bridge inspection, inventory and appraisal work at various locations. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)

1998520 BRIDGE REHABILITATION AT VARIOUS LOCATIONS	Recommended	Conformity Comments
Acquire land, plan, design, construct and inspect rehabilitation improvements of bridges at various locations.	L 10	MINOR PROJECT: This is an islandwide miscellaneous fund for bridge repair work. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)
Rehabilitate bridges/culverts that are severely damaged or too large in scope or in locations that the Department of Facility Maintenance is unable to rehabilitate with its in-house crews.	P 10	
Operating Impact: The capital improvements planned will not have impact on the operating budget until construction of the proposed rehabilitation. Additional personnel and current expense would then have operating impact on the City's budget.	D 390	
	C 1,610	
	I 100	
<b>Total:</b>	2,120	

1998517 SEISMIC RETROFIT AT BRIDGES	Recommended	Conformity Comments
Design, construct and inspect improvements to retrofit existing bridges for seismic loads at various locations.	D 250	MINOR PROJECT: This is an islandwide miscellaneous fund for safety upgrades to various bridges. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)
Retrofit existing bridges for seismic loads. Project proposed to analyze, evaluate, prioritize and construct seismic retrofit measures for City bridges.	C 500	
Operating Impact: The capital improvements will not have an impact on the operating budget until construction of the proposed improvements. Additional personnel and current expense would then have an impact on the City's budget.	I 10	
	<b>Total:</b> 760	

## JU Storm Drainage

### DDC Design and Construction

2000052 DRAINAGE IMPROVEMENTS AT VARIOUS LOCATIONS	Recommended	Conformity Comments
Acquire land, plan, design and construct drainage improvements at various locations.	L 1	EXEMPT PROJECT: This islandwide miscellaneous fund focuses on underground drainage improvements at various locations. Underground drainage is not a type of project required to be shown on the PIM. (ROH Section 4-8.3)
Miscellaneous drainage improvements at various locations, to include drain manholes, box culverts and drain extensions.	P 1	
	D 74	
	C 599	
Operating Impact: The capital improvements planned will not have an impact on the operating budget until construction of the proposed improvements. Additional personnel and current expense would then have an impact on the City's budget.	<b>Total:</b> 675	

2000117 STORM DRAINAGE IMPROVEMENTS	Recommended	Conformity Comments
Acquire land, plan, design and construct storm drainage improvements at various locations.	L 1	EXEMPT PROJECT: This islandwide miscellaneous fund focuses on drainage improvements for existing streets at various locations. Underground drainage and improvements are not types of projects required to be shown on the PIM. (ROH Section 4-8.3).
Investigate and install drainage system improvements at various locations.	P 1	
	D 298	
	C 350	
<b>Total:</b>	650	

**ENV Environmental Services****2010051 NPDES MS4 EROSION PRONE AREA IMPROVEMENTS**

Plan, design construct and inspect erosion control measures.

Planning, design and construction of erosion control measures within the City's MS4 including streets, streams, storm drains, facilities, and other City owned properties, to mitigate the discharge of sediments from erosion prone areas identified in prioritized areas including TMDL approved areas such as the Ala Wai Canal, Kawa, Waimanalo and Kapaa Stream Watersheds. Project plans are to implement interim measures beginning in FY10 and begin design and implementation of permanent measures in subsequent fiscal year budgets.

Recommended	
P	10
D	10
C	750
I	75
<b>Total:</b>	<b>845</b>

**Conformity Comments**

EXEMPT PROJECT: This project involves the planning, design and construction of erosion control measures to meet the requirements of the City's NPDES MS4 permit. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)

**2001020 STORM DRAINAGE BEST MANAGEMENT PRACTICES IN THE SALT LAKE DRAINAGE SYSTEM**

Construct and inspect storm drainage best management practices.

Planning, design and construction of structural best management practices (BMP'S) for City drain lines which discharge into Salt Lake.

Recommended	
C	1,200
I	120
<b>Total:</b>	<b>1,320</b>

**Conformity Comments**

EXEMPT PROJECT: This project will install pollution-mitigation measures within underground drainage lines which discharge into Salt Lake. Underground drainage is not a type of project required to be shown on the PIM. (ROH Section 4-8.3)

**2003135 STORM DRAIN OUTLETS NEAR ALA WAI CANAL**

Plan and design structural best management practices for storm drain outlets.

Plan, design and construct structural BMPs (best management practices), including catch basin in-line filters, continuous deflective separation processes, and other devices to reduce pollutant discharge, for three storm drains that outlet either directly or indirectly to the Ala Wai Canal. First at the outlet of the box culvert running along University Avenue, second at the outlet of the box culvert running along Kapahulu Avenue, both discharging directly into Ala Wai Canal and third at the outlet of the box culvert connecting to Hausten Ditch near Kapiolani Blvd, which ultimately discharges into the Ala Wai Canal.

Recommended	
P	50
D	200
<b>Total:</b>	<b>250</b>

**Conformity Comments**

EXEMPT PROJECT: This project involves planning, design and construction of structural Best Management Practices (BMPs) to reduce pollutant discharge into the Ala Wai Canal. Underground drainage is not a type of project required to be shown on the PIM. (ROH Section 4-8.3)

**KA Street Lighting****DDC Design and Construction****2007043 STREET LIGHT METER CABINETS, TRANSFORMERS AND STREET LIGHTING IMPROVEMENTS**

Design and construct street light meter cabinet, transformer and street lighting improvements at various locations.

Replace street light meter cabinets, City-owned electrical transformers, street lights, conduits and electrical appurtenances at various locations.

Recommended	
D	10
C	190
<b>Total:</b>	<b>200</b>

**Conformity Comments**

EXEMPT PROJECT: This is an islandwide miscellaneous fund to improve electrical service to various sets of street lights. Street lights are not a type of project required to be shown on the PIM. (ROH Section 4-8.3)

**04 SANITATION****LK Waste Collection And Disposal****ENV Environmental Services****2005063 KAPAA/KALAHEO LANDFILL GAS FLARE SYSTEM**

Design, construct and inspect gas flare system improvements.

Project will determine the best method of addressing the gas related issues at the landfills and provide for the construction of additional gas flares as required by the State Department of Health.

Recommended	
D	349
C	750
I	1
<b>Total:</b>	1,100

**Conformity Comments**

MINOR PROJECT: The project is not considered major and does not need a PIM revision. It is limited to minor remediation work at long-closed landfills. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)

**2007060 KAPAA TRANSFER STATION ROAD RECONSTRUCTION**

Reconstruct roadway.

This project will reconstruct deteriorated pavement (alligator cracks) and reconstruct the road structure.

Recommended	
C	900
<b>Total:</b>	900

**Conformity Comments**

MINOR PROJECT: The project is not considered major and does not need a PIM revision. It is limited to improving an internal roadway at the Kapaa Transfer Station. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)

**2007057 KEEHI TRANSFER STATION - FUEL STATION RENOVATION**

Construct fuel station improvements.

Fueling demand at Keehi Transfer Station has increased due to the Honolulu baseyard being relocated to Keehi. In order to accommodate this demand, this project will replace and relocate the existing deteriorated steel structure for the refueling station, and replace the old, slow fuel pumps. The project will provide for a more efficient fueling operation by relocating the existing fuel station to enable fueling on both sides of the pump. To provide for a more efficient operation, the new fuel pumping system will be installed with an automated electronic card reader system.

Recommended	
C	1,000
<b>Total:</b>	1,000

**Conformity Comments**

MINOR PROJECT: The project is not considered major and does not need a PIM revision. It is limited to minor facility upgrades at the Keehi Transfer Station. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)

**2010046 OAHU SECONDARY LANDFILL - SITE SELECTION STUDY**

Conduct a site selection study for a secondary landfill.

Project will study potential locations for a secondary landfill on Oahu, including the required environmental review process. Study to also include providing the required facilitation, technical assistance and guidance needed to implement and manage a landfill site selection advisory committee.

Recommended	
P	300
<b>Total:</b>	300

**Conformity Comments**

PLANNING FUNDS ONLY: This project involves only planning funds for selecting a possible new landfill site. Designation on the PIM is not required at the planning stage. (ROH Section 4-8.1)

**2010054 REFUSE FACILITIES IMPROVEMENTS AT VARIOUS LOCATIONS**

Design, construct and inspect refuse facilities improvements.

Various repairs, improvements or modifications include, but are not limited too, roof repairs, tipping floor repairs, drainage repairs, structural repairs, office repairs, etc., at various Refuse facilities (transfer stations, convenience centers, collection yards, closed landfills).

Recommended	
D	500
C	750
I	100
<b>Total:</b>	1,350

**Conformity Comments**

MINOR PROJECT: This is an islandwide miscellaneous fund for minor improvements to various refuse facilities. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)

2012057 SOLID WASTE DIVERSION WEIGHING FACILITY	Recommended	Conformity Comments
Installation of a City owned solid waste weighing facility, proposed to be located at the future waste/recycling diversion facility.	C 700	MINOR PROJECT: The project is not considered major and does not need a PIM revision. It is limited to installation of a City-owned weighing facility (scale house), proposed to be located at a future waste/recycling diversion facility in the Wahiawa area. According to ENV staff, the weighing facility will consist of a scale and the structure to house the scale and is only one component of this waste/recycling facility. The waste/recycling facility will be a private facility located on private property and operated by a private contractor hired by the City to process and recycle waste that includes dewatered sewage sludge and green waste. It does not meet the PIM applicability criteria. (ROH 4-8.3 and 4-8.4)
Installation of a City owned solid waste weighing facility (scale house), proposed to be located at the future waste/recycling diversion facility.	Total: 700	
2013102 SOLID WASTE TO ENERGY FACILITY-IMPROVEMENTS FOR PROCESSING SEWAGE SLUDGE	Recommended	Conformity Comments
Design, construct and inspect facility improvements for processing sewage sludge.	D 100	CONFORMING PROJECT: The Ewa PIM shows a solid waste facility symbol (PIM 036) for the H-POWER Expansion Project. This project is included in ongoing improvements to the H-POWER solid waste facility that will enable the City to divert sewage sludge that would otherwise go to a landfill and use it for the production of electrical power.
Improvements to H-POWER facility to allow for the inclusion of sewage sludge into the refuse stream, including receiving pit, day storage silo, pumps, piping and burner injection equipment to facilitate receiving and processing sewage sludge.	C 9,800	
	I 100	
	Total: 10,000	
2011047 SOLID WASTE TO ENERGY FACILITY - REHABILITATION	Recommended	Conformity Comments
Design, construct and inspect facility rehabilitation.	D 1	CONFORMING PROJECT: The Ewa PIM shows a solid waste facility symbol (No. 36) for H-POWER. The project will perform rehabilitation work within the plant to address normal wear and tear.
Replacement and refurbishment of components due to normal wear and tear in the City's H-Power Solid Waste to Energy Facility.	C 19,998	
	I 1	
	Total: 20,000	

**MA Sewage Collection And Disposal****ENV Environmental Services****2008063 AHUIMANU WASTEWATER PRELIMINARY TREATMENT FACILITY FORCE MAIN**

Plan, design, construct, inspect and acquire land for force main improvements.

Project includes condition assessment of the existing force main, report to EPA/DOH, follow-up condition assessment work and improvements, and development of alternatives for long-term reliability of service. The project may include modifications to the existing force main, pump system, appurtenances and gravity pipe system, or alternative systems.

Recommended	
L	1
P	500
D	200
C	1,500
I	1
<b>Total:</b>	<b>2,202</b>

**Conformity Comments**

EXEMPT PROJECT: This project will improve existing sewer force mains. Sewer lines are not a type of project required to be shown on the PIM. (ROH Section 4-8.3)

**2013046 AHUIMANU WASTEWATER PRE-TREATMENT FACILITY IMPROVEMENTS AND EQUALIZATION FACILITY**

Plan and design wastewater facility improvements.

Flow projections indicate that the Ahuimanu wastewater preliminary treatment facility and pump system will need upgrades/modifications/improvements to handle peak wet weather flows, including possible equalization storage tank facilities. The project may include upgrades to screenings and grit removal to match peak flow needs. The project may also include related facility modifications and appurtenances for continued long-term reliability.

Recommended	
P	800
D	1
<b>Total:</b>	<b>801</b>

**Conformity Comments**

PLANNING AND DESIGN FUNDS ONLY: This project to address peak wet-weather flows at the Ahuimanu WWPTF, possibly including the construction of equalization storage tanks, is currently only at the planning and design stage. Designation on the PIM may be required in the future when construction funds are budgeted, if significant new development is allowed or if environmental impacts from the equalization facility prove significant. (ROH Sections 4-8.1 and 4-8.4)

**2005071 ALA MOANA BOULEVARD/AUAHI STREET SEWER REHABILITATION**

Plan, design, construct and inspect the sewer rehabilitation.

This project combines three projects along Auahi Street and Ala Moana Boulevard, between Ward Avenue and Keawe Street. Auahi Street Structural Rehabilitation, SI-CS-53, rehabilitates approximately 2300 feet of the 6x6 sewer in Auahi Street, and approximately 370 feet of sewer in Keawe St. and Ward Ave. Ala Moana-24 Structural Rehabilitation, SI-CS-54, rehabilitates approximately 2100 feet of 24-inch pipe in Ala Moana Boulevard. Ala Moana-36 Structural Rehabilitation, SI-CS-55, rehabilitates approximately 2200 feet of 36-inch pipe in Ala Moana Boulevard. Sewer manholes in this area will also be rehabilitated. The project will also look at the possibility of abandoning the 24 and/or 36-inch sewers, by reconfiguring flows in the Kakaako area.

Recommended	
P	1
D	1
C	1
I	500
<b>Total:</b>	<b>503</b>

**Conformity Comments**

EXEMPT PROJECT: Sewer lines are not a type of project required to be shown on the PIM. (ROH Section 4-8.3)

**2008087 ALA MOANA PARK WASTEWATER PUMP STATION AND ALTERNATIVES**

Plan and design pump station improvements.

Proposed new WWPS near the Diamond Head entrance to Ala Moana Park, or alternative site location. Alternative sites may include sites along the route from Ala Moana Park to Kaka'ako, which will be evaluated in facility planning. One purpose for this project would be the decommissioning of the Beachwalk WWPS in Waikiki, which would require a new gravity trunk sewer from the Beachwalk WWPS to Ala Moana Park. The "Beachwalk WWPS Force Main" project, now under construction, is anticipated to be done by 12/31/2012. This pipe will operate initially as a force main, but will be converted to gravity sewer operation with the construction of the new Ala Moana Park WWPS. The gravity sewer trunk would need to be further extended to reach alternative locations for the new WWPS. The work for the connecting pipes and appurtenances may also be included in this project.

Recommended	
P	500
D	1
<b>Total:</b>	<b>501</b>

**Conformity Comments**

PLANNING AND DESIGN FUNDS ONLY: This project to construct a new wastewater pump station, either at the east end of Ala Moana Park or else at some point further west as far as Kakaako, is currently only at the planning and design stage. Designation on the map will be required in the future when construction funds are budgeted. (ROH Section 4-8.1)

2006046	ALA MOANA WASTEWATER PUMP STATION FORCE MAINS NO. 3 AND 4				
Acquire land, plan, design, construct and inspect force main improvements.		L	1	EXEMPT PROJECT: This project will construct new sewer force mains. Sewer lines are not a type of project required to be shown on the PIM. (ROH Section 4-8.3)	
		P	1		
		D	1		
		C	1		
		I	1,500		
		Total:	1,504		
2013048	ALA MOANA WASTEWATER PUMP STATION UPGRADE	Recommended		Conformity Comments	
Plan and design wastewater pump station improvements.		P	600	CONFORMING PROJECT: The Primary Urban Center PIM shows a sewage pump station modification symbol (PIM No. 3) for improvements to the Ala Moana WWPS. This project conforms to the Primary Urban Center Development Plan, which has a policy to upgrade central Honolulu's aging, inadequate sewer collection system. The project will increase the pump station's pumping capacity to meet future growth needs and to accommodate peak wet weather flows.	
		D	1		
		Total:	601		
This project is intended to upgrade the WWPS capacity from 167 MGD to the projected peak flow, including wet weather flow, for the year 2030 or alternative planning period. Updating of the flow projections is on-going.					
2008069	ALIAMANU NO. 1 AND NO. 2 WASTEWATER PUMP STATION FORCE MAINS	Recommended		Conformity Comments	
Plan, design, construct and provide construction inspection for wastewater pump station force main improvements.		P	1,000	EXEMPT PROJECT: This project, which is only at the planning and design stage, will construct new sewer force mains. Sewer lines are not a type of project required to be shown on the PIM. (ROH Section 4-8.3)	
		D	1		
		C	1		
		I	1		
		Total:	1,003		
2004088	ALIAMANU NO. 1 AND NO. 2 WASTEWATER PUMP STATIONS UPGRADE AND SEWER RELIEF	Recommended		Conformity Comments	
Plan and design wastewater pump stations upgrade and sewer relief.		P	1	MINOR PROJECT: The project is not considered major and does not need a PIM revision. The pump station portion of the project is limited to correcting hydraulic deficiencies at the two existing pump stations, and does not meet the PIM applicability criteria. Also, the sewer-line portion is exempt from PIM requirements. (ROH Sections 4-8.3 and 4-8.4)	
		D	200		
		Total:	201		
This project will address the need to upgrade two wastewater pump stations (WWPS) for the projected peak wet weather design flow described in the Final Sewer I/I Plan, 1999, identified as projects #SI-PS-16 and #SI-PS-17. The project will also provide mitigation against potential area flooding, and provide other miscellaneous improvements. The project may include sewer relief to about 2,250 ft of sewerline downstream of these pump stations, identified as project #SI-CS-01. FY2008 used for Phase 1 improvements, for controlling infiltration and inflow to the WWPS's. FY2015 funds are programmed for Phase 2, following assessment of Phase 1 results. The project is also evaluating possible elimination of one or two of the pump stations by constructing a deeper gravity sewer.					
2011046	AWA STREET WASTEWATER PUMP STATION AND FORCE MAIN IMPROVEMENTS	Recommended		Conformity Comments	
Plan, design and construct pump station and force main improvements.		P	1	PLANNING AND DESIGN FUNDS ONLY: This project to repair and improve a wastewater pump station in Iwilei and possibly to increase its pumping capacity is only at the planning and design stage. Designation on the map may be required in the future when construction funds are budgeted. (ROH Section 4-8.1)	
		D	500		
		C	1		
		Total:	502		
This project is to provide for miscellaneous structural, mechanical and electrical improvements as determined in the planning phase, and force main assessment and upgrade work. The project also includes evaluating the need to upgrade the pump station capacity based on on-going collection sewer hydraulic analysis, per the wet weather flow re-assessment program of the 2010 Consent Decree.					



2008070 CHINATOWN SEWER REHABILITATION	Recommended	Conformity Comments
<p>Plan, design, construct and inspect sewer rehabilitation.</p> <p>Project consists of the rehabilitation or replacement of existing sewerlines in Chinatown. The project will remedy structural defects, address hydraulic capacity issues, prevent excessive pipe cracking and root damage, and address problems due to unstable soil conditions. The project includes sewer rehabilitation, lateral reconnections, surface repaving, and restoration work.</p>	<p>P 1</p> <p>D 1</p> <p>C 1,000</p> <p>I 1</p> <p><b>Total: 1,003</b></p>	<p>EXEMPT PROJECT: Sewer lines are not a type of project required to be shown on the PIM. (ROH Section 4-8.3)</p>
2009099 DOWSETT HIGHLANDS RELIEF SEWER	Recommended	Conformity Comments
<p>Plan and design relief sewer.</p> <p>Plan, design and construct a relief sewer in the Dowsett Highlands and Nuuanu area, or alternative project solution, to address the updated flow projections, per the requirements of the 2010 Consent Decree, project #SI-CS-42. The conceptual scope identified 9,200 ft. of new 10-inch and 12-inch diameter relief sewers may be needed, to follow an alignment that would extend primarily through easements beginning at Nuuanu Road, cross to the Ewa side of Pali Highway, and end below the intersection of Wyllie St. and Liliha St.</p>	<p>P 1</p> <p>D 500</p> <p><b>Total: 501</b></p>	<p>EXEMPT PROJECT: Sewer lines are not a type of project required to be shown on the PIM. (ROH Section 4-8.3)</p>
2013050 FORT DERUSSY WASTEWATER PUMP STATION, FORCE MAIN, AND SEWER SYSTEM ALTERNATIVES	Recommended	Conformity Comments
<p>Plan and design pump station, force main and sewer system alternatives.</p> <p>Provide improvements to the Fort DeRussy WWPS, force main and sewer system to address projected future peak flows, including peak wet weather flows, as required by the 2010 Consent Decree. Provide miscellaneous reliability improvements to electrical, mechanical and structural components at the WWPS. Project may include an alternative system to allow future decommissioning of the WWPS.</p>	<p>P 500</p> <p>D 1</p> <p><b>Total: 501</b></p>	<p>PLANNING AND DESIGN FUNDS ONLY: This project to consider two future options for this pump station and force main (either upgrading it or replacing it with a deep gravity sewer line) is only at the planning and design stage. Designation on the map may be required in the future when construction funds are budgeted. (ROH Section 4-8.1)</p>
2005073 FOSTER VILLAGE SEWER REHABILITATION/RECONSTRUCTION	Recommended	Conformity Comments
<p>Plan and design sewer rehabilitation/reconstruction.</p> <p>Project area is at Foster Village in Halawa, identified as Model Basin 7F05 in the EPA-approved Final Sewer I/I Plan, Dec. 1999. Project objective is to reduce infiltration/inflow (I/I) to minimize relief requirements in downstream facilities. Project includes I/I source detection to determine minibasins within 7F05 for sewer rehabilitation, and comprehensive rehabilitation of sewer mains, manholes, and lower laterals in the minibasins. The project may also include enlarging some pipelines to replace the existing sewers. Project is being done in two phases. Phase 2 work will be determined based on the results of phase 1.</p>	<p>P 500</p> <p>D 1</p> <p><b>Total: 501</b></p>	<p>EXEMPT PROJECT: Sewer lines are not a type of project required to be shown on the PIM. (ROH Section 4-8.3)</p>
2012047 HART STREET WASTEWATER PUMP STATION FORCE MAIN SYSTEM IMPROVEMENTS	Recommended	Conformity Comments
<p>Plan, design, construct and inspect force main system improvements.</p> <p>The project includes assessment, rehabilitation work and improvements for the existing force main, and work at the pump station that may be needed to provide compatibility with the force main system. The project includes replacement of the connection to the old force main at the pump station, including valve and meter work, and other improvements to the old force main identified in the 2011 revised follow-up action plan from the assessment of the old force main. Additional condition assessment work is scheduled to be done by end of 2019.</p>	<p>P 1</p> <p>D 1</p> <p>C 1</p> <p>I 100</p> <p><b>Total: 103</b></p>	<p>EXEMPT PROJECT: This project will rehabilitate the existing force main. It may also slightly modify the existing pump station for a sewer line connection. Sewer lines are not a type of project required to be shown on the PIM. (ROH Sections 4-8.3 and 4-8.4)</p>

<b>2009111</b>	<b>HEEIA WASTEWATER PUMP STATION IMPROVEMENTS</b>	<b>Recommended</b>	<b>Conformity Comments</b>
Plan and design pump station improvements.		P 1	MINOR PROJECT: The project is not considered major and does not need a PIM revision. It is limited to improvements that will ensure continued reliability of operations and that will address peak wet-weather flows. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)
Plan, design and construct improvements to the Heeia Wastewater Pump Station in Kaneohe, Oahu. The work may include, but not be limited to, replacing pumps, piping, mechanical and electrical equipment, emergency generator, structural work, upgraded ventilation system, misc. upgrades to meet current building codes, and misc. site improvements. Updated peak wet weather flow estimates will be considered in the design.		D 450	
		<b>Total:</b> 451	
<b>2010062</b>	<b>HELE STREET SEWER RELIEF/REHABILITATION, KAILUA</b>	<b>Recommended</b>	<b>Conformity Comments</b>
Plan and design sewer relief/rehabilitation.		P 1	EXEMPT PROJECT: Sewer lines are not a type of project required to be shown on the PIM. (ROH Section 4-8.3)
The project includes evaluation of existing sewers, and is anticipated to provide rehabilitation/relief of sewer lines in the area of Hele St., Kailua.		D 400	
		<b>Total:</b> 401	
<b>2013051</b>	<b>HONOLULU AREA WASTEWATER PUMP STATION FACILITIES IMPROVEMENTS</b>	<b>Recommended</b>	<b>Conformity Comments</b>
Plan and design pump station facilities improvements.		P 800	PLANNING AND DESIGN FUNDS ONLY: This project to evaluate the improvements needed at four pump stations is currently only at the planning and design stage. Designation on the map may be required in the future when construction funds are budgeted. (ROH Section 4-8.1)
The project includes evaluation and improvements determined to be needed at four existing wastewater pump stations (WWPS), Moana Park, Niu Valley, Paiko Drive and Kulioou, including associated force mains and appurtenances. Project will address projected flows, including peak wet weather flows, to address requirements of the flow assessment of the 2010 Consent Decree. Project will also provide miscellaneous reliability improvements to electrical, mechanical and structural components at the pump stations, and alternatives as developed in the planning phase.		D 1	
		<b>Total:</b> 801	
<b>2010069</b>	<b>HONOULIULI WASTEWATER BASIN ODOR CONTROL</b>	<b>Recommended</b>	<b>Conformity Comments</b>
Plan and design odor control improvements.		P 1	MINOR PROJECT: The project is not considered major and does not need a PIM revision. It is limited to correcting odor and corrosion problems at various places within the Honouliuli wastewater basin. Also, any work at the treatment plant itself already conforms to the PIM. This project does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)
Improvements required in the Honouliuli wastewater basin, including at the Honouliuli Wastewater Treatment Plant, to address odor and corrosion issues.		D 800	
		<b>Total:</b> 801	
<b>2012058</b>	<b>HONOULIULI WASTEWATER TREATMENT PLANT SECONDARY TREATMENT</b>	<b>Recommended</b>	<b>Conformity Comments</b>
Plan and design wastewater treatment plant improvements.		P 2,000	CONFORMING PROJECT: The Ewa PIM shows a sewage treatment plant modification symbol (PIM No. 2) for the Honouliuli WWTP. The project will upgrade the WWTP to full secondary treatment. This project is consistent with the Ewa Development Plan, which calls for improved wastewater treatment to meet a federal consent decree.
Upgrade the Honouliuli Wastewater Treatment Plant to include full secondary treatment of wastewater.		D 1	
		<b>Total:</b> 2,001	

2007066	IWILEI/KALIHI KAI SEWER REHABILITATION/RECONSTRUCTION	Recommended	Conformity Comments
Plan, design and construct sewer rehabilitation/reconstruction.		P 1	EXEMPT PROJECT: Sewer lines are not a type of project required to be shown on the PIM. (ROH Section 4-8.3)
		D 1	
		C 1,000	
		Total: 1,002	
This project includes projects in Iwilei and Kalihi Kai areas. Republican St-Nimitz Hwy-Awa Structural Rehabilitation-Phase 2, SI-CS-51B, will rehabilitate manholes along Auiki Street, Republican Street and Nimitz Highway-Awa pipelines. Approximately 43 manholes will be rehabilitated and 3 manhole frame and covers will be replaced. Dillingham Blvd-Iwilei Structural Rehabilitation, SI-CS-52, will rehabilitate manholes and sewers on Dillingham Boulevard, Iwilei Road, and Waiakamilo Road. Approximately 1,560 linear feet (lf) of 24-inch diameter and 360 lf of 36-inch diameter pipe and 30 manholes will be rehabilitated. Other sewers in the vicinity of these identified deficiencies will be included, based on recommendations in the planning phase.			
2013054	KAHALA WASTEWATER PUMP STATION AND FORCE MAIN SYSTEM IMPROVEMENTS	Recommended	Conformity Comments
Plan and design pump station and force main system improvements.		P 500	MINOR PROJECT: The project is not considered major and does not need a PIM revision. It is limited to improvements that will ensure continued reliability of operations. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)
		D 300	
		Total: 800	
Project includes follow-up action plan items, including items required by the 2010 Consent Decree, condition assessment work and improvements to ensure long-term reliability of the existing pump station and two force mains. The project may include rehabilitation and/or upgrades to the existing pump system, force mains, force main discharge infrastructure, and appurtenances. Project may include pump, valve and piping replacements, and reliability improvements to electrical, mechanical and structural components at the WWPS.			
2009107	KAHANAHOU WASTEWATER PUMP STATION UPGRADE AND SEWER IMPROVEMENTS	Recommended	Conformity Comments
Plan and design pump station upgrade and sewer improvements.		P 200	MINOR PROJECT: The project is not considered major and does not need a PIM revision. It is limited to ensuring reliability of operations and correcting hydraulic deficiencies regarding peak wet-weather flow at the Kahanahou WWPS. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)
		D 100	
		Total: 300	
Plan, design and construct upgrade improvements to the Kahanahou Wastewater Pump Station (WWPS) in Kaneohe, Oahu. The work may include, but not be limited to, replacing or modifications to pumps, piping, mechanical and electrical equipment, emergency power system, structures, ventilation system, and misc. site improvements. Work may include improvements determined to be needed to downstream sewers, between Kahanahou WWPS and Waikapoki WWPS, to address increased peak wet weather pumping rates from the proposed upgraded pumps at Kahanahou WWPS.			
2006129	KAHAWAI STREAM WASTEWATER PUMP STATION MODIFICATION	Recommended	Conformity Comments
Plan and design pump station modification.		P 250	MINOR PROJECT: The project is not considered major and does not need a PIM revision. It is limited to improvements that will ensure continued reliability of operations. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)
		D 1	
		Total: 251	
This project will provide new replacement mechanical and electrical facilities to upgrade and modernize the existing wastewater pump station, including new variable frequency drives. Provide miscellaneous reliability improvements to electrical, mechanical and structural components at the WWPS.			
2012048	KAILUA ROAD WASTEWATER PUMP STATION FORCE MAIN SYSTEM IMPROVEMENTS	Recommended	Conformity Comments
Plan, design, construct and inspect force main system improvements.		P 250	EXEMPT PROJECT: This project will rehabilitate the existing force main. It may also slightly modify the existing pump station for a sewer line connection. Sewer lines are not a type of project required to be shown on the PIM. (ROH Sections 4-8.3 and 4-8.4)
		D 1	
		C 1	
		I 1	
		Total: 253	
The project includes assessment, rehabilitation work and improvements for the existing force main, and work at the pump station that may be needed to provide compatibility with the force main system. Depending on the recommendations from the assessment, the project may include future reconstruction, rehabilitation, diversion facilities and/or other improvements for all or portions of the force main.			

2009109 KAILUA WASTEWATER TREATMENT PLANT AND SEWER BASIN FACILITIES	Recommended	Conformity Comments
<p>Plan treatment plant and sewer basin facilities improvements.</p> <p>Planning to include updating the Kailua-Kaneohe-Kahaluu Wastewater Facilities Plan, including evaluating alternatives for construction of new facilities to meet Federal and State requirements and for long-term improvements. Work will include the required EA and/or EIS. Work will address control of wet weather flow from the Kaneohe WWPTF and from Kailua town to the Kailua Regional WWTP. Deep sewer tunnel and storage alternatives will be considered, including associated new Influent Pump Station facilities. Design funds may be used for geotechnical engineering, survey work, and similar preliminary work, and for design work needed on an expedited basis to meet mandated schedules. The budgets for design and construction of the recommended major improvements are included under separately identified project names. FY13 funds are for continuation of Facilities Planning work, for both collection system and treatment plant.</p>	<p>P 500</p> <p><b>Total: 500</b></p>	<p>PLANNING AND DESIGN FUNDS ONLY: This project will update the Kailua-Kaneohe-Kahaluu Wastewater Facilities Plan in order to address peak wet weather flows throughout this wastewater basin. The project currently involves only planning and design funds. Designation on the PIM is not required at the planning and design stage. Designation on the map may be required in the future when construction or land acquisition funds are budgeted. (ROH Section 4-8.1)</p>
2013103 KAILUA WASTEWATER TREATMENT PLANT ENERGY IMPROVEMENTS	Recommended	Conformity Comments
<p>Plan, design, construct and inspect treatment plant energy improvements.</p> <p>Project will provide improvements at the Kailua WWTP to increase energy efficiency, implement renewable energy projects, reduce energy demand, and/or conserve energy use. Improvements may include, but not be limited to, electricity demand management facilities, lighting system improvements, electrical power conditioning improvements, and co-generation facilities, i.e. facilities to convert bio-gas to beneficial electrical energy and heat.</p>	<p>P 1</p> <p>D 1</p> <p>C 4,000</p> <p>I 1</p> <p><b>Total: 4,003</b></p>	<p>CONFORMING PROJECT: The Koolaupoko PIM shows a sewage treatment plant modification symbol (PIM No. 29) for the Kailua WWTP. The project will improve the energy efficiency and the electrical reliability of the plant, and may generate some of its own energy via bio-gas combustion. The project is consistent with the Koolaupoko Sustainable Communities Plan, which calls specifically for improvements at the WWTP.</p>
2013056 KAILUA WASTEWATER TREATMENT PLANT-TUNNEL INFLUENT PUMP STATION AND HEADWORKS FACILITY	Recommended	Conformity Comments
<p>Plan, design, construct and inspect treatment plant-tunnel influent pump station and headworks facility improvements.</p> <p>This project will provide a new influent pump station and a new and/or expanded headworks facilities at the Kailua Wastewater Treatment Plant (WWTP), and the related electrical, mechanical, structural, odor control, and site work improvements. The tunnel influent pump station (TIPS) will be constructed within the vertical shaft built for the tunneling operation. After the tunnel is completed, this new pump station will lift wastewater from the deep tunnel into the WWTP headworks. The headworks facility will provide grit removal and screening prior to the primary settling tanks. This project, along with the deep sewer tunnel, is proposed to replace the requirement in the 2010 Consent Decree for a second Kaneohe to Kailua force main. The modification to the 2010 Consent Decree needed for this project substitution is in progress, and is anticipated to be final by mid-2012.</p>	<p>P 1,500</p> <p>D 3,500</p> <p>C 1</p> <p>I 1</p> <p><b>Total: 5,002</b></p>	<p>CONFORMING PROJECT: The Koolaupoko PIM shows a sewage treatment plant modification symbol (PIM No. 29) for the Kailua WWTP. The project will provide the intake pumps and expanded headworks facilities for the proposed deep-earth gravity sewer main from the Kaneohe WWPTF. The project is consistent with the Koolaupoko Sustainable Communities Plan, which calls specifically for such improvements at the WWTP.</p>
2013057 KAILUA WASTEWATER TREATMENT PLANT UPGRADE	Recommended	Conformity Comments
<p>Plan, design, construct and inspect treatment plant upgrade.</p> <p>Project includes rehabilitation and/or upgrades at the Kailua Wastewater Treatment Plant (WWTP), including work needed for the electrical system, emergency generator system, solids contact tanks in the secondary treatment system, sludge and septic waste receiving and handling, demolition of old unused facilities, and the pump stations within the WWTP. Upgrades scheduled for the FY13 funds include valve and slide-gate replacements and upgrades, sludge line replacement, DAF thickener system rehabilitation, and primary settling tank improvements. Project will also provide the associated reliability improvements to electrical, mechanical, structural and site work components at the WWTP, as developed in the engineering phases.</p>	<p>P 1</p> <p>D 500</p> <p>C 5,500</p> <p>I 1</p> <p><b>Total: 6,002</b></p>	<p>CONFORMING PROJECT: The Koolaupoko PIM shows a sewage treatment plant modification symbol (PIM No. 29) for the Kailua WWTP. The project will construct reliability improvements at the WWTP and will remove unused facilities. The project is consistent with the Koolaupoko Sustainable Communities Plan, which calls specifically for improvements at the WWTP.</p>

2009113 KALAHEO AVENUE RELIEF SEWER	Recommended	Conformity Comments
Plan and design relief sewer.	P 1	EXEMPT PROJECT: Sewer lines are not a type of project required to be shown on the PIM. (ROH Section 4-8.3)
	D 800	
Total:	801	
2002037 KALANIANA'OLE HIGHWAY SEWER SYSTEM IMPROVEMENTS	Recommended	Conformity Comments
Acquire land, plan, design, construct and inspect sewer system improvements.	L 1	EXEMPT PROJECT: Sewer lines are not a type of project required to be shown on the PIM. (ROH Section 4-8.3)
	P 1	
	D 80	
	C 300	
	I 1	
Total:	383	
2005075 KALIHI/NUUANU AREA SEWER REHABILITATION	Recommended	Conformity Comments
Acquire land, plan, design, construct and inspect sewer rehabilitation.	L 1	EXEMPT PROJECT: Sewer lines are not a type of project required to be shown on the PIM. (ROH Section 4-8.3)
	P 1	
	D 1	
	C 2,000	
	I 1	
Total:	2,004	
2010060 KAMEHAMEHA HIGHWAY WASTEWATER PUMP STATION UPGRADE, MAPUNAPUNA	Recommended	Conformity Comments
Plan and design pump station upgrade.	P 1	PLANNING AND DESIGN FUNDS ONLY: This project to increase pumping capacity at the WWPS to handle peak wet-weather flows is currently only at the planning and design stage. Designation on the PIM is not required at the planning and design stage. Designation on the map may be required in the future when construction or land acquisition funds are budgeted. (ROH Section 4-8.1)
	D 800	
Total:	801	
This project provides for required capacity of the wastewater pump station to address updated peak wet weather flow estimates, and provides for other needed improvements which will be evaluated in the planning phase. The work may include, but not be limited to, replacing pumps, piping, mechanical and electrical equipment, ventilation system, misc. upgrades to meet current building codes, and misc. site improvements. Capacity of the tributary and downstream areas will be considered in the planning phase.		
2009108 KANEOHE BAY #2 WASTEWATER PUMP STATION FORCE MAIN	Recommended	Conformity Comments
Acquire land, plan and design force main improvements.	L 1	EXEMPT PROJECT: This project will construct a new sewer force main and may modify the existing force main. It may also slightly modify the existing pump station for a sewer line connection. Sewer lines are not a type of project required to be shown on the PIM. (ROH Sections 4-8.3 and 4-8.4)
	P 1	
	D 300	
Total:	302	
Plan, design and construct a replacement force main system for the Kaneohe #2 Wastewater Pump Station in Kaneohe, Oahu. The existing force main is approximately 131 feet long, and consists mostly of 14-inch diameter pipe, built in the mid-1960's. The new force main system will be constructed in approximately the same alignment, or in an alternative alignment, and could include retaining portions of the existing system if determined to be appropriate based on an assessment of the existing conditions. The project may include work at the pump station needed to provide compatibility with the new force main system.		

2012050 KANEHOE BAY #3 WASTEWATER PUMP STATION FORCE MAIN	Recommended	Conformity Comments
<p>Acquire land, plan and design force main improvements.</p> <p>The project includes assessment, rehabilitation work and improvements for the existing force main, and work at the pump station that may be needed to provide compatibility with the force main system. Depending on the recommendations from the assessment, the project may include future reconstruction, rehabilitation, diversion facilities and/or other improvements for all or portions of the force main.</p>	<p>L 1</p> <p>P 250</p> <p>D 1</p> <p><b>Total:</b> 252</p>	<p>EXEMPT PROJECT: This project will rehabilitate the existing force main. It may also slightly modify the existing pump station for a sewer line connection. Sewer lines are not a type of project required to be shown on the PIM. (ROH Sections 4-8.3 and 4-8.4)</p>
2010068 KANEHOE/KAILUA FORCE MAIN NO. 1 REHABILITATION	Recommended	Conformity Comments
<p>Acquire land, plan, design and construct force main rehabilitation.</p> <p>Improvements and rehabilitation work needed for the existing Kaneohe/Kailua Force Main No. 1, per recommendations from condition assessment work conducted in 2008. Air valve study to be conducted by 6/30/2012 will provide scope for the design and construction of improvements at air valve vaults. Next assessment is scheduled to be complete by 12/31/2014.</p>	<p>L 1</p> <p>P 1,000</p> <p>D 200</p> <p>C 1</p> <p><b>Total:</b> 1,202</p>	<p>EXEMPT PROJECT: This project will improve existing sewer force mains. Sewer lines are not a type of project required to be shown on the PIM. (ROH Section 4-8.3)</p>
2006051 KANEHOE/KAILUA FORCE MAIN NO. 2	Recommended	Conformity Comments
<p>Acquire land, plan, design, construct and inspect force main improvements.</p> <p>Project would provide a new wastewater force main from the Kaneohe Wastewater Pre-Treatment Facility (WWPTF) to the Kailua Wastewater Treatment Plant (WWTP). This new force main plus the existing force main would provide a dual main system which would allow one of the pipes to be used as a back-up. Several alternative alignments for the new force main were examined in the planning phase, and the recommended alignment traverses underneath portions of Kaneohe Bay. Total length of the force main would be approximately 15,000 to 16,000 linear feet. This project, which is a requirement in the 2010 Consent Decree, is proposed to be replaced by the deep sewer tunnel project. The modification to the 2010 Consent Decree needed for this project substitution is in progress, and is anticipated to be final by mid-2012. Advertisement for bid has been placed on-hold, pending the successful completion of the Consent Decree modification. If successful, the FY11 Construction funds would not be used for award of this force main project, and would be allowed to lapse.</p>	<p>L 1</p> <p>P 1</p> <p>D 1</p> <p>C 1</p> <p>I 1</p> <p><b>Total:</b> 5</p>	<p>EXEMPT PROJECT: This project will construct a new sewer force main. Sewer lines are not a type of project required to be shown on the PIM. (ROH Section 4-8.3)</p>
2012055 KANEHOE/KAILUA SEWER TUNNEL	Recommended	Conformity Comments
<p>Acquire land, plan, design, construct and inspect sewer tunnel improvements.</p> <p>New gravity sewer tunnel to connect the Kaneohe Wastewater Pre-Treatment Facility (WWPTF) to the Kailua Wastewater Treatment Plant (WWTP). Gravity tunnel will be sized to provide storage of peak wet weather flows. Project includes new influent pump station to be installed at the tunnel terminus point at the Kailua WWTP, connection sewers at the Kaneohe facility and the Kailua WWTP, odor control systems, and associated site improvements. This project will allow for the decommissioning of the Kaneohe WWPTF and existing force main system to Kailua WWTP. This project will also replace the projects being planned for the force main no. 2, rehabilitation of the force main no. 1, and wet weather storage tanks being planned at the Kaneohe WWPTF and Kailua WWTP sites. This project, along with the tunnel influent pump station project, is proposed to replace the requirement in the 2010 Consent Decree for a second Kaneohe to Kailua force main. The modification to the 2010 Consent Decree needed for this project substitution is in progress, and is anticipated to be final by mid-2012.</p>	<p>L 800</p> <p>P 900</p> <p>D 4,500</p> <p>C 140,000</p> <p>I 2,000</p> <p><b>Total:</b> 148,200</p>	<p>EXEMPT PROJECT: Major sewer mains are not a type of project required to be shown on the PIM. And although the project description mentions the planned new influent pump station at the Kailua WWTP, that is a separate CIP project (#2013056) which conforms to the KP PIM (symbol #29) and to the Koolaupoko Sustainable Communities Plan. (ROH Section 4-8.3)</p>

<b>2008091</b>	<b>LUALUALEI WASTEWATER PUMP STATION FORCE MAIN</b>	<b>Recommended</b>	<b>Conformity Comments</b>
Plan, design, construct and inspect force main improvements.		P 1	EXEMPT PROJECT: This project will construct a new sewer force main and rehabilitate the existing force main. It may also slightly modify the existing pump station for a sewer line connection. Sewer lines are not a type of project required to be shown on the PIM. (ROH Sections 4-8.3 and 4-8.4)
The project includes assessment, rehabilitation work and improvements for the existing force main, and work at the pump station that may be needed to provide compatibility with the force main system. The project includes a new dry back-up force main system. The existing force main is approximately 3,500 feet long, and consists mostly of 20-inch diameter pipe.		D 200	
		C 1,000	
		I 1	
		<b>Total:</b> 1,202	
<b>2008074</b>	<b>MANOA SEWER RELIEF/REHABILITATION</b>	<b>Recommended</b>	<b>Conformity Comments</b>
Acquire land, plan, design, construct and inspect sewer rehabilitation.		L 1	EXEMPT PROJECT: Sewer lines are not a type of project required to be shown on the PIM. (ROH Section 4-8.3)
This project will address projected hydraulic deficiencies in the Manoa sewer mainlines and in the Manoa collection sewers, and will address structural deficiencies as determined in the planning phase. Project scope includes sewers located in the vicinity of East Manoa Road, Lowrey Avenue, Kahaloa Drive, Woodlawn Drive, and the University of Hawaii at Manoa Campus.		P 1	
		D 1	
		C 1,000	
		I 1	
		<b>Total:</b> 1,004	
<b>2013059</b>	<b>MAUNAWILI WASTEWATER PUMP STATIONS, FORCE MAINS AND SEWER IMPROVEMENTS, KAILUA</b>	<b>Recommended</b>	<b>Conformity Comments</b>
Plan and design pump station, force main and sewer improvements.		P 600	MINOR PROJECT: The project (currently in the planning and design phase) is not considered major and does not need a PIM revision. It is limited to reliability improvements, possible increases in pumping capacity to accommodate peak wet-weather flows, and sewer-line improvements (not required to be shown on the PIM). (ROH Sections 4-8.3 and 4-8.4)
This project is to address peak wet weather flow projections from Inflow/Infiltration (I/I) assessments for the Maunawili Park WWPS and Maunawili Estates WWPS, Kailua, and provide for miscellaneous structural, mechanical, electrical and site improvements as determined in the planning phase. Project includes evaluating the need to upgrade the pump station capacities. Project may also include improvements to the pump station force mains and sewer lines in the vicinity as determined in the planning phase, and to provide compatibility with pump station upgrades for peak flows.		D 1	
		<b>Total:</b> 601	
<b>1997812</b>	<b>PACIFIC PALISADES WWPS, FORCE MAIN AND ALTERNATIVE DIVERSION SEWER LINE</b>	<b>Recommended</b>	<b>Conformity Comments</b>
Plan, design, construct and inspect pump station, force main and diversion sewer improvements.		P 300	MINOR PROJECT: The project (currently in the planning and design phase) is not considered major and does not need a PIM revision. It is limited to reliability improvements, possible increases in pumping capacity to accommodate peak wet-weather flows, sewer-line improvements, and a possible new gravity sewer line which would allow the Pacific Palisades WWPS to be decommissioned (with the sewer lines not required to be shown on the PIM). (ROH Sections 4-8.3 and 4-8.4)
This project is to address peak wet weather flow projections from Inflow/Infiltration (I/I) assessments for the Pacific Palisades WWPS and provide for miscellaneous structural, mechanical, electrical and site improvements as determined in the planning phase. Project includes evaluating the need to upgrade the pump station capacity and alternatives. Project may include improvements to the pump station force main and sewer lines in the vicinity, to provide for upgrades for peak flows. The project may include construction of an estimated 10,000 lf of 18 and 21-inch gravity sewer line from the existing Pacific Palisades WWPS to the existing Waiawa WWPS, miscellaneous improvements at the Pacific Palisades WWPS and Waiawa WWPS sites, and possible alternatives for future decommissioning of the Pacific Palisades WWPS.		D 1	
		C 1	
		I 1	
		<b>Total:</b> 303	

<b>2008078 PALOLO VALLEY SEWER REHABILITATION</b>	<b>Recommended</b>	<b>Conformity Comments</b>
<p>Acquire land, plan, design, and construct sewer rehabilitation.</p> <p>This project is to address possible hydraulic and structural deficiencies in the collection sewers in Palolo Valley. This project will be based upon results of CCTV inspection and sewer assessment work, and consideration of conveying the projected peak wet weather design flow.</p>	<p>L 1</p> <p>P 1</p> <p>D 1</p> <p>C 1,000</p> <p><b>Total: 1,003</b></p>	<p>EXEMPT PROJECT: Sewer lines are not a type of project required to be shown on the PIM. (ROH Section 4-8.3)</p>
<b>2013060 PEARL CITY WASTEWATER PUMP STATION, FORCE MAIN, AND SEWER SYSTEM ALTERNATIVES</b>	<b>Recommended</b>	<b>Conformity Comments</b>
<p>Plan and design pump station, force main and sewer system alternatives and improvements.</p> <p>This project is to address peak wet weather flow projections from Inflow/Infiltration (I/I) assessments for the Pearl City WWPS, accommodate projected future development, and provide for miscellaneous structural, mechanical, electrical and site improvements as determined in the planning phase. Project includes evaluating the need to upgrade the pump station capacities. The project may include flood proofing the existing station or relocating it to a site outside the flood zone. Project may also include improvements to the pump station force mains and sewer lines in the vicinity as determined in the planning phase, and to provide compatibility with pump station upgrades for peak flows.</p>	<p>P 600</p> <p>D 1</p> <p><b>Total: 601</b></p>	<p>PLANNING FUNDS ONLY: This project to either upgrade or relocate the Pearl City WWPS is currently only at the planning stage. Under either alternative, the pumping capacity will need to be upgraded to accommodate future development. Relocation of the facility is being considered because it is located in a flood zone. Under either option, designation on the map may be required in the future when land acquisition or construction funds are budgeted. (ROH Section 4-8.1)</p>
<b>2001124 PROJECT MANAGEMENT FOR WASTEWATER PROJECTS</b>	<b>Recommended</b>	<b>Conformity Comments</b>
<p>Plan, design and inspect wastewater capital projects.</p> <p>Project provides planning, design and construction management for wastewater projects, including related expenses associated with these services.</p>	<p>P 1,691</p> <p>D 3,438</p> <p>I 2,229</p> <p><b>Total: 7,359</b></p>	<p>PLANNING, DESIGN AND INSPECTION FUNDS ONLY: This is a miscellaneous account for the planning, design, and inspection of various wastewater projects. Designation on the PIM is not required at the planning, design or inspection stages. Designation on the PIM may be required in the future when land acquisition or construction funds are budgeted. (ROH Section 4-8.1)</p>
<b>2013061 PUNAWAI WASTEWATER PUMP STATION AND FORCE MAIN SYSTEM IMPROVEMENTS, KANEOHE</b>	<b>Recommended</b>	<b>Conformity Comments</b>
<p>Plan and design pump station and force main system improvements.</p> <p>This project is to address peak wet weather flow projections from Inflow/Infiltration (I/I) assessments for the Punawai WWPS, Kaneohe, and provide for miscellaneous structural, mechanical, electrical and site improvements as determined in the planning phase. Project includes sewer basin evaluation for reducing I/I, follow-on work for cost effective I/I reduction, and evaluating the need to upgrade the pump station capacities. Project may also include improvements to the pump station force main and sewer lines in the vicinity as determined in the planning phase, and to provide compatibility with pump station upgrades for peak flows.</p>	<p>P 400</p> <p>D 1</p> <p><b>Total: 401</b></p>	<p>MINOR PROJECT: The project (currently in the planning and design phase) is not considered major and does not need a PIM revision. It is limited to reliability improvements, possible increases in pumping capacity to accommodate peak wet-weather flows, and sewer-line improvements (not required to be shown on the PIM). (ROH Sections 4-8.3 and 4-8.4)</p>
<b>2010049 SAND ISLAND WASTEWATER BASIN ODOR CONTROL</b>	<b>Recommended</b>	<b>Conformity Comments</b>
<p>Plan, design, construct and inspect odor control improvements.</p> <p>Improvements required in the Sand Island wastewater basin and at the Sand Island Wastewater Treatment Plant to address odor and corrosion issues.</p>	<p>P 500</p> <p>D 500</p> <p>C 1</p> <p>I 1</p> <p><b>Total: 1,002</b></p>	<p>MINOR PROJECT: The project is not considered major and does not need a PIM revision. It is limited to correcting odor and corrosion problems at various places within the Sand Island wastewater basin. (ROH Sections 4-8.3 and 4-8.4)</p>



<b>2009112</b>	<b>SAND ISLAND WASTEWATER TREATMENT PLANT AND SEWER BASIN FACILITIES</b>	<b>Recommended</b>	<b>Conformity Comments</b>
Plan and design treatment plant and sewer basin facilities improvements.		P 3,000	PLANNING AND DESIGN FUNDS ONLY: This project to update the East Mamala Bay Wastewater Facilities Plan is currently only at the planning and design stage. Designation on the PIM is not required at the planning and design stage. Designation on the map may be required in the future when construction or land acquisition funds are budgeted. (ROH Section 4-8.1)
Planning to include updating the East Mamala Bay Wastewater Facilities Plan, including evaluating alternatives for construction of new facilities to meet Federal and State requirements and for long-term improvements. Work will include the required EA and/or EIS. Work will address control of wet weather flow from the Beachwalk, Ala Moana, and Hart St. Wastewater Pump Stations and from other tributary basins to the Sand Is. WWTP. Deep sewer tunnel and storage alternatives will be considered, including associated new pump station facilities. Design funds may be used for geotechnical engineering, survey work, and similar preliminary work, and for design work that may be needed on an expedited basis to meet mandated schedules. It is anticipated that design and construction of the recommended major improvements will be done under separately identified projects. Planning work includes facility planning for the future secondary treatment upgrade at the Sand Island WWTP.		D 1	
		<b>Total:</b> 3,001	
<b>1994511</b>	<b>SAND ISLAND WASTEWATER TREATMENT PLANT EXPANSION, PRIMARY TREATMENT</b>	<b>Recommended</b>	<b>Conformity Comments</b>
Plan, design, construct and inspect wastewater treatment plant expansion.		P 1	CONFORMING PROJECT: The Primary Urban Center PIM shows a sewage treatment plant modification symbol (PIM No. 1) for improvements to the Sand Island WWTP. This project conforms to the Primary Urban Center Development Plan, which contains a policy to upgrade and expand the treatment plants serving the PUC. The project is also recognized in the City's Kalihi-Palama Action Plan.
Upgrade, refurbish and/or expand treatment units at the treatment plant, which are not already included in the Sand Island WWTP, Unit 1, Phase 2A (Headworks) Project, #89071, to bring overall plant capacity from 82 to 90 mgd average daily flow. Included is conversion of 6 flocculator/clarifier tanks to gravity settling tanks, reconstruction and rehabilitation work, odor control facilities, solids handling facilities, modifications to gravity thickeners, electrical system upgrade, emergency generators, and ancillary systems. Funds in FY2011/2012/2013 fiscal years provide for the Phase 2 project work.		D 1	
		C 1	
		I 2,000	
		<b>Total:</b> 2,003	
<b>2009102</b>	<b>SAND ISLAND WASTEWATER TREATMENT PLANT OUTFALL IMPROVEMENTS/REHABILITATION</b>	<b>Recommended</b>	<b>Conformity Comments</b>
Plan and design wastewater treatment plant outfall improvements/rehabilitation.		P 1	CONFORMING PROJECT: The Primary Urban Center PIM shows a sewage treatment plant modification symbol (PIM No. 1) for improvements to the Sand Island WWTP. This project conforms to the Primary Urban Center Development Plan, which contains a policy to upgrade and expand the treatment plants serving the PUC. The project is also recognized in the City's Kalihi-Palama Action Plan.
Conduct an assessment of the existing outfall, and provide improvements or rehabilitation work determined to be needed for the outfall.		D 500	
		<b>Total:</b> 501	
<b>2012054</b>	<b>SAND ISLAND WASTEWATER TREATMENT PLANT SOLIDS HANDLING</b>	<b>Recommended</b>	<b>Conformity Comments</b>
Plan, design, construct and inspect wastewater treatment plant solids handling improvements.		P 1	CONFORMING PROJECT: The Primary Urban Center PIM shows a sewage treatment plant modification symbol (PIM No. 1) for improvements to the Sand Island WWTP. This project conforms to the Primary Urban Center Development Plan, which contains a policy to upgrade and expand the treatment plants serving the PUC. The project is also recognized in the City's Kalihi-Palama Action Plan.
Solids handling facilities needed at the Sand Island Wastewater Treatment Plant to provide for adequate treatment, processing and handling of wastewater solids.		D 1	
		C 22,000	
		I 2,500	
		<b>Total:</b> 24,502	
<b>2007068</b>	<b>SEWER CONDITION ASSESSMENT PROGRAM</b>	<b>Recommended</b>	<b>Conformity Comments</b>
Conduct planning for sewer and force main condition assessment.		P 3,000	EXEMPT PROJECT: This project provides planning funds for a program to monitor the structural condition of sewers by making field inspections to assess the condition of sewer lines. Planning studies are exempt from the PIM. (ROH Section 4-8.1)
This program will monitor the structural condition of sewers. The approach of the program is to track the structural condition of elements of the collection system by performing field inspections and condition assessments of gravity sewers and force mains.		<b>Total:</b> 3,000	

<b>2013063 SEWER I/I RELIEF AND REHABILITATION PROJECTS - ALA MOANA TRIBUTARY BASIN</b>	<b>Recommended</b>	<b>Conformity Comments</b>
Plan and design sewer relief and rehabilitation projects.	P 1,000	EXEMPT PROJECT: Sewer lines are not a type of project required to be shown on the PIM. (ROH section 4-8.3)
	D 1	
Project includes sewer relief and sewer rehabilitation projects identified by the Wet Weather I/I Assessment Update work, in accordance with the requirements of the 2010 Consent Decree. This project covers the sewer collection basin that is tributary to the Ala Moana Wastewater Pump Station, which is roughly from the downtown and Punchbowl areas going eastward to Niu Valley.	<b>Total:</b> 1,001	
<b>2013064 SEWER I/I RELIEF AND REHABILITATION PROJECTS - HART ST. TRIBUTARY BASIN</b>	<b>Recommended</b>	<b>Conformity Comments</b>
Plan and design sewer relief and rehabilitation projects.	P 1,000	EXEMPT PROJECT: Sewer lines are not a type of project required to be shown on the PIM. (ROH section 4-8.3)
	D 1	
Project includes sewer relief and sewer rehabilitation projects identified by the Wet Weather I/I Assessment Update work, in accordance with the requirements of the 2010 Consent Decree. This project covers the sewer collection basin that is tributary to the Hart St. Wastewater Pump Station, which roughly covers from the downtown area and westward to the Red Hill area.	<b>Total:</b> 1,001	
<b>2013065 SEWER I/I RELIEF AND REHABILITATION PROJECTS - LEEWARD AREA</b>	<b>Recommended</b>	<b>Conformity Comments</b>
Plan and design sewer relief and rehabilitation projects.	P 500	EXEMPT PROJECT: Sewer lines are not a type of project required to be shown on the PIM. (ROH section 4-8.3)
	D 1	
Project includes sewer relief and sewer rehabilitation projects identified by the Wet Weather I/I Assessment Update work, in accordance with the requirements of the 2010 Consent Decree. This project covers the sewer collection basins that are tributary to the Honouliuli Wastewater Treatment Plant, the Waianae Wastewater Treatment Plant, and the Wahiawa Wastewater Treatment Plant, which roughly covers all leeward areas starting from Red Hill, to Wahiawa, Ewa Beach and Waianae.	<b>Total:</b> 501	
<b>2013066 SEWER I/I RELIEF AND REHABILITATION PROJECTS - WINDWARD AREA</b>	<b>Recommended</b>	<b>Conformity Comments</b>
Plan and design sewer relief and rehabilitation projects.	P 500	EXEMPT PROJECT: Sewer lines are not a type of project required to be shown on the PIM. (ROH section 4-8.3)
	D 1	
Project includes sewer relief and sewer rehabilitation projects identified by the Wet Weather I/I Assessment Update work, in accordance with the requirements of the 2010 Consent Decree. This project covers the sewer collection basins that are tributary to the Kailua Wastewater Treatment Plant, the Waimanalo Wastewater Treatment Plant, and the Kahuku Wastewater Treatment Plant, which roughly covers all windward areas starting from Waimanalo to Kailua, Kaneohe, Ahuimanu, and Kahuku.	<b>Total:</b> 501	
<b>2000071 SEWER MAINLINE AND LATERAL PROJECTS</b>	<b>Recommended</b>	<b>Conformity Comments</b>
Acquire land, plan, design, construct and inspect mainline and lateral improvement projects.	L 1	EXEMPT PROJECT: This is a miscellaneous fund to improve various sewer lines. Sewer lines are not a type of project required to be shown on the PIM. (Section 4-8.3)
	P 100	
	D 200	
	C 14,000	
	I 1	
	<b>Total:</b> 14,302	

<b>2008079 UWALU WASTEWATER PUMP STATION UPGRADE</b>	<b>Recommended</b>	<b>Conformity Comments</b>
Plan and design wastewater pump station upgrade.	P 1	PLANNING AND DESIGN FUNDS ONLY: This project to upgrade pumping capacity and make other improvements is currently only at the planning and design stage. Designation on the PIM is not required at the planning and design stage. Designation on the map may be required in the future when construction or land acquisition funds are budgeted. (ROH Section 4-8.1)
This project is to address possible hydraulic deficiencies at the Uwalu WWPS, and provide for miscellaneous structural, mechanical and electrical improvements as determined in the planning phase. Project includes evaluating the need to upgrade the pump station capacity based on the collection sewer hydraulic analysis and field verification.	D 100	
	<b>Total: 101</b>	
<b>2013069 WAHIAWA, WHITMORE VILLAGE AND MAKAKILO AREA WASTEWATER PUMP STATION AND FACILITIES IMPROVEMENTS</b>	<b>Recommended</b>	<b>Conformity Comments</b>
Plan and design pump station and facilities improvements.	P 100	MINOR PROJECT: The project is not considered major and does not need a PIM revision. It is limited to improvements that will ensure not only adequate hydraulic capacity to meet current needs but also the continued reliability of operations. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)
This project provides condition assessment of existing wastewater facilities and design and construction of improvements, including pumping, structural, mechanical, electrical and site improvements and upgrades as determined in the planning phase. This project includes wastewater pump stations (WWPS) in the area of Wahiawa, including Grandview WWPS, Homelani WWPS, Kemoo Farm WWPS, Lakeview Circle WWPS, Nakula WWPS and Ohai Place WWPS, and also Whitmore Village Wastewater Pre-treatment Facility and the Makakilo City WWPS.	D 400	
	<b>Total: 500</b>	
<b>2010047 WAIANAE WASTEWATER FACILITIES PLAN</b>	<b>Recommended</b>	<b>Conformity Comments</b>
Plan wastewater facilities improvements.	P 600	PLANNING FUNDS ONLY: This project will prepare a wastewater facilities plan for the Waianae wastewater service basin in order to address peak wet weather flows throughout this wastewater basin. The project currently involves only planning funds. Designation on the PIM is not required at the planning and design stage. Designation on the map may be required in the future when construction or land acquisition funds are budgeted. (ROH Section 4-8.1)
Preparation of a wastewater facilities plan, and associated environmental impact statement, for the Waianae Wastewater Treatment Plant and its wastewater service basin. The facilities plan will address the wastewater management needs for the Waianae area for a 20-year planning period.	<b>Total: 600</b>	
<b>2007070 WAI'AU AREA SEWER REHABILITATION/RECONSTRUCTION</b>	<b>Recommended</b>	<b>Conformity Comments</b>
Plan, design, construct and inspect the sewer rehabilitation/reconstruction.	P 1	EXEMPT PROJECT: Sewer lines are not a type of project required to be shown on the PIM. (ROH Section 4-8.3)
This project will rehabilitate and/or reconstruct sewers to reduce infiltration and inflow (I/I) and address structural deficiencies as determined in the planning phase. The project area is located by Kamehameha Highway near Pearl Harbor's East Loch. The project will include I/I source detection to determine recommendations for rehabilitation of sewer mains, manholes, and lower laterals. The project may also include reconstructing pipelines where sewers are determined to be inadequate.	D 1	
	C 12,000	
	I 800	
	<b>Total: 12,802</b>	
<b>2006055 WAIKAPOKI WASTEWATER PUMP STATION UPGRADE</b>	<b>Recommended</b>	<b>Conformity Comments</b>
Plan and design pump station upgrade.	P 1	PLANNING AND DESIGN FUNDS ONLY: This project to upgrade pumping capacity and make other improvements is currently only at the design stage. Designation on the PIM is not required at the planning and design stage. Designation on the map may be required in the future when construction or land acquisition funds are budgeted. (ROH Section 4-8.1)
This project is to address possible hydraulic deficiencies at the Waikapoki WWPS, and provide for miscellaneous structural, mechanical and electrical improvements as determined in the planning phase. Project includes evaluating the need to upgrade the pump station capacity based on the collection sewer hydraulic analysis and field verification.	D 350	
	<b>Total: 351</b>	

<b>2013068 WAIMALU WASTEWATER PUMP STATION MODIFICATION/UPGRADE</b>	<b>Recommended</b>	<b>Conformity Comments</b>
Plan and design wastewater pump station modification/upgrade.	P 500	PLANNING AND DESIGN FUNDS ONLY: This project to upgrade pumping capacity and make other improvements is currently only at the planning and design stage. Designation on the PIM is not required at the planning and design stage. Designation on the map may be required in the future when construction or land acquisition funds are budgeted. (ROH Section 4-8.1)
	D 1	
This project is to address possible hydraulic deficiencies at the Waimalu WWPS, and provide for miscellaneous structural, mechanical, electrical and site improvements as determined in the planning phase. Project includes evaluating the need to upgrade the pump station capacity based on the collection sewer hydraulic analysis and field verification.	<b>Total: 501</b>	
<b>2000038 WASTEWATER EQUIPMENT</b>	<b>Recommended</b>	<b>Conformity Comments</b>
Purchase major wastewater equipment.	E 7,989	EXEMPT PROJECT: This is a miscellaneous fund for the purchase of major sewer-related equipment. Designation on the PIM is not required for equipment purchases. (Section 4-8.1)
Procurement of major equipment needed for the wastewater function of the Department of Environmental Services.	<b>Total: 7,989</b>	
<b>1998806 WASTEWATER FACILITIES REPLACEMENT RESERVE</b>	<b>Recommended</b>	<b>Conformity Comments</b>
Funding for emergency replacement of sewer collection systems and wastewater treatment facilities.	X 5,000	EXEMPT PROJECT: This is a miscellaneous fund for emergency repairs to various sewer systems islandwide. (ROH Section 4-8.1)
Funds for unanticipated breakdowns at wastewater facilities, and emergency repairs of sewer collection systems. Federal law administered by the U.S. Environmental Protection Agency requires that reserve funds for facility replacement be established and available.	<b>Total: 5,000</b>	
<b>2003151 WASTEWATER PLANNING AND PROGRAMMING</b>	<b>Recommended</b>	<b>Conformity Comments</b>
Plan and program wastewater projects.	P 233	PLANNING FUNDS ONLY: This is a miscellaneous fund for the planning of various wastewater projects. Designation on the PIM is not required at the planning and design stage. (ROH Section 4-8.1)
This project provides long range planning, facility planning, and programming for wastewater projects.	<b>Total: 233</b>	
<b>2007073 WASTEWATER PROGRAM MANAGEMENT</b>	<b>Recommended</b>	<b>Conformity Comments</b>
Plan, program and manage implementation of wastewater projects.	P 4,000	EXEMPT PROJECT: This is a miscellaneous fund for program management services for various wastewater projects. Designation on the PIM is not required for program management of miscellaneous projects. (Section 4-8.1)
	D 1,000	
Wastewater program management services for wastewater projects.	I 1	
	<b>Total: 5,001</b>	
<b>2001062 WASTEWATER TREATMENT PLANT, PUMP STATION, AND FORCE MAIN PROJECTS</b>	<b>Recommended</b>	<b>Conformity Comments</b>
Plan, design, construct and inspect wastewater treatment plant, pump station and force main improvements.	P 1	MINOR PROJECT: This is an islandwide miscellaneous fund for high-priority projects which make required repairs, replacements, or efficiency improvements at treatment plants, pump stations, and associated force mains. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)
	D 1,000	
Project will provide a vehicle for constructing high priority projects required at treatment plants and pump stations, including the associated force main pipes, to make needed repairs, replacements, upgrades and improvements. Funds for pump station and force main assessments, rehabilitation and improvements are needed to meet federal and state requirements. Funding is for island wide improvements.	C 10,000	
	I 100	
	<b>Total: 11,101</b>	

**2013101 WINDWARD AREA WASTEWATER PUMP STATION FACILITIES IMPROVEMENTS**

Plan and design pump station facilities improvements.

This project provides condition assessment of existing wastewater facilities and design and construction of improvements, including pumping, structural, mechanical, electrical and site improvements and upgrades as determined in the planning phase. This project includes wastewater pump stations (WWPS) in the Windward area, including initially A'ala WWPS, Alala Point WWPS, Coconut Grove WWPS, Halekou WWPS, Kahawai Stream WWPS and Kailua Road WWPS. Other Windward WWPS's may be added in future budget years.

**Recommended**

P	1
D	800
<b>Total:</b>	801

**Conformity Comments**

PLANNING AND DESIGN FUNDS ONLY: This project to evaluate the improvements needed at several pump stations is currently only at the design stage. Designation on the map may be required in the future when construction funds are budgeted. (ROH Section 4-8.1)

**05 HUMAN SERVICES****ND Human Services****DCS Community Services****2007076 COMMUNITY DEVELOPMENT BLOCK GRANT (CDBG) PROGRAM**

Provide funds for administration and grants and/or loans to nonprofit organizations or City agencies to undertake housing, community development, economic development, and public or human service activities, which principally benefit persons of low and moderate income.

Community Development Block Grant (CDBG) Program, an entitlement program. Provide grants and/or loans to nonprofit organizations or City agencies to undertake housing, community development, economic development, and public or human service activities, which principally benefits persons of low and moderate income.

<b>Recommended</b>	
X	5,905
<b>Total:</b>	5,905

**Conformity Comments**

EXEMPT PROJECT: This is a miscellaneous fund to disburse federal grants to nonprofit agencies so that they can provide social services or construct housing or social service facilities. All such private activities are exempt from needing a PIM revision. (ROH Section 4-8.3)

**1995207 EMERGENCY SOLUTIONS GRANTS (ESG) PROGRAM**

Provide funds for administration and grants to nonprofit organizations serving the homeless.

Provide grants to qualified homeless service providers to renovate or rehabilitate existing shelters, or for the payment of eligible essential services or operating expenses for homeless persons and families.

<b>Recommended</b>	
X	1,185
<b>Total:</b>	1,185

**Conformity Comments**

EXEMPT PROJECT: This is a miscellaneous fund to disburse grants to nonprofit agencies so that they can provide shelter to the homeless. Housing and social services are exempt from needing a PIM revision. (ROH Section 4-8.3)

**2007077 HOME INVESTMENT PARTNERSHIPS (HOME) PROGRAM**

Provide funds for administration and grants and/or loans to nonprofit organizations developing affordable housing for lower income persons.

HOME Investment Partnerships (HOME), an entitlement program. Provide grant and/or loan funds to private nonprofit organizations to assist with expanding the supply of affordable housing.

<b>Recommended</b>	
X	3,841
<b>Total:</b>	3,841

**Conformity Comments**

EXEMPT PROJECT: This is a miscellaneous fund to disburse grants to nonprofit agencies so that they can provide housing to lower-income persons. Housing is not a type of project required to be shown on the PIM. (ROH Section 4-8.3)

**2000119 HOUSING OPPORTUNITIES FOR PERSONS WITH AIDS (HOPWA) PROGRAM**

Provide funds for administration and grants to nonprofit organizations serving persons with AIDS.

Provide grant funds to private nonprofit organizations to house and support persons with HIV/AIDS and their families.

<b>Recommended</b>	
X	512
<b>Total:</b>	512

**Conformity Comments**

EXEMPT PROJECT: This is a miscellaneous fund to disburse federal grants to nonprofit agencies so that they can provide housing and social services to persons with AIDS. Housing and social services are exempt from needing a PIM revision. (ROH Section 4-8.3)

**2013002 HOUSING PARTNERSHIP PROGRAM**

Provide funds through a Request for Proposals solicitation to nonprofit agencies to undertake the development or preservation of affordable housing.

Provide Affordable Housing Funds (AHF) funds to qualified nonprofit agencies to support the development and preservation of affordable rental housing for lower income households in the City and County of Honolulu. AHF funds will be distributed through a Request for Proposals process administered by the Department of Community Services. Affordable housing projects assisted with AHF funds must remain affordable to lower income households earning less than 50% of Honolulu's median income for the life of the project

<b>Recommended</b>	
X	7,600
<b>Total:</b>	7,600

**Conformity Comments**

EXEMPT PROJECT: This is a miscellaneous fund to disburse grants to nonprofit agencies so that they can undertake the development or preservation of affordable housing. Housing is not a type of project required to be shown on the PIM. (ROH Section 4-8.3)

**06 CULTURE - RECREATION****PG Participant, Spectator And Other Recreation****DDC Design and Construction****1998107 ALA MOANA REGIONAL PARK (TMK: 2-3-37:01; 42.7 ACRES)**

Design park improvements such as canal walls.

Reconstruction of park improvements such as canal walls.

**Recommended**

D 165  
**Total:** 165

**Conformity Comments**

CONFORMING PROJECT: The Primary Urban Center PIM shows a park modification symbol (PIM No. 019) for the continuation of various master-planned improvements to Ala Moana Regional Park. This project is supported by a policy statement in the Primary Urban Center Development Plan to "increase and enhance recreational open space in the most densely settled parts of the PUC."

**2007054 DEPARTMENT OF PARKS AND RECREATION NPDES SMALL MS4 PERMIT PROGRAM**

Design, construct, inspect and provide related equipment for NPDES improvements at parks facilities.

Plan, design and construct improvements, which include vehicle and equipment wash racks, structural Best Management Practices (BMPs), various parks.

**Recommended**

D 20  
C 400  
I 10  
E 10  
**Total:** 440

**Conformity Comments**

MINOR PROJECT: This is an islandwide miscellaneous fund for National Pollution Discharge Elimination System improvements including related equipment at various parks. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)

**1973059 HANAUMA BAY NATURE PRESERVE (TMK: 3-9-12:02; 50 ACRES)**

Plan, design, construct plan improvements and provide related construction inspection.

Update park master planned and improvements.

**Recommended**

P 25  
D 50  
C 880  
I 45  
**Total:** 1,000

**Conformity Comments**

MINOR PROJECT: The project is not considered major and does not need a PIM revision. It is limited to updating the master plan and related improvements. It does not meet the PIM applicability criteria. (ROH Section 4-8.4) The East Honolulu PIM shows a symbol for the Koko Head Regional Park and Nature Preserve (PIM No. 006) which includes the Hanauma Bay Nature Preserve.

**2010074 HANAUMA BAY NPDES SMALL MS4 PERMIT PROGRAM**

Plan, design, construct, inspect and provide related equipment for NPDES Improvements.

Plan, design and construct improvements to meet Best Management Practices for park facilities.

**Recommended**

P 10  
D 5  
C 590  
I 5  
E 5  
**Total:** 615

**Conformity Comments**

MINOR PROJECT: The project is not considered major and does not need a PIM revision. The funds will be used to plan, design and construct improvements to meet Best Management Practices relating to National Pollution Discharge Elimination System (NPDES) requirements; and provide inspection and related equipment. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)

2010077 KUALOA REGIONAL PARK RECONSTRUCTION OF WASTEWATER SYSTEM	Recommended	Conformity Comments
Plan, design, construct and provide construction inspection for reconstruction of wastewater system improvements.	P 5	MINOR PROJECT: The project is not considered major and does not need a PIM revision. The funds will be used to plan, design, and reconstruct wastewater system improvements at Kualoa Regional Park. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)
Plan, design and construct park wastewater system improvements.	D 5	
	C 2,800	
	I 170	
	<b>Total: 2,980</b>	
2008046 MITIGATIVE IMPROVEMENTS AT PARKS	Recommended	Conformity Comments
Plan, design, construct and inspect mitigative improvements such as rock slides, retaining walls and seawalls improvements and erosion control in City parks.	P 10	MINOR PROJECT: This is an islandwide miscellaneous fund for minor park improvements that guard against rock slides and other dangerous conditions. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)
	D 10	
Mitigation improvements such as, rock slide areas, seawalls, retaining walls and erosion mitigative improvements in city parks.	C 470	
	I 10	
	<b>Total: 500</b>	
2009041 PRESERVATION AND CONSERVATION LANDS	Recommended	Conformity Comments
Provision of funds for the acquisition of land for land conservation purposes consistent with the Revised Ordinance of Honolulu Chapter 6, Article 62.	L 1,000	EXEMPT PROJECT: Land acquisition funds for the purpose of preserving open space or protecting scenic viewplanes generally do not require a revision to the public infrastructure map. (ROH Section 4-8.1) When a site for acquisition is identified and the scope of the project is developed, this determination may change.
	X 2,000	
To provide funds for the purchase of or to otherwise acquire real estate or any interest therein for land conservation in the City.	<b>Total: 3,000</b>	
1998105 RECONSTRUCT WASTEWATER SYSTEMS FOR PARKS	Recommended	Conformity Comments
Plan, design, construct, inspect and provide related equipment for reconstruction of wastewater systems at various parks.	P 250	MINOR PROJECT: This is an islandwide miscellaneous fund to improve park wastewater systems. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)
	D 100	
Planning, design, construction, inspection and equipment funds for reconstructing park wastewater systems including previously unidentified cesspools.	C 135	
	I 10	
	E 5	
	<b>Total: 500</b>	
1998128 RECREATION DISTRICT NO. 1 IMPROVEMENTS	Recommended	Conformity Comments
Plan, design, construct, inspect and provide related equipment for improvements at existing staffed park facilities.	P 10	MINOR PROJECT: This is a miscellaneous fund for minor park improvements at various parks within this recreational district. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)
	D 120	
Plan, design and construct improvements (inclusive of energy conservation improvements) at existing staffed park facilities to ensure continued recreational programs and other recreational resources and provide construction inspection and related equipment.	C 850	
	I 15	
	E 5	
	<b>Total: 1,000</b>	



1998129 RECREATION DISTRICT NO. 2 IMPROVEMENTS	Recommended	Conformity Comments
Plan, design, construct, inspect and provide related equipment for improvements at existing staffed park facilities.	P 10	MINOR PROJECT: This is a miscellaneous fund for minor park improvements at various parks within this recreational district. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)
Plan, design and construct improvements (inclusive of energy conservation improvements) at existing staffed park facilities to ensure continued recreational programs and other recreational resources and provide construction inspection and related equipment.	D 120	
	C 850	
	I 15	
	E 5	
	<b>Total: 1,000</b>	
1998130 RECREATION DISTRICT NO. 3 IMPROVEMENTS	Recommended	Conformity Comments
Plan, design, construct, inspect and provide related equipment for improvements at existing staffed park facilities.	P 10	MINOR PROJECT: This is a miscellaneous fund for minor park improvements at various parks within this recreational district. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)
Plan, design and construct improvements (inclusive of energy conservation improvements) at existing staffed park facilities to ensure continued recreational programs and other recreational resources and provide construction inspection and related equipment.	D 120	
	C 850	
	I 15	
	E 5	
	<b>Total: 1,000</b>	
1998131 RECREATION DISTRICT NO. 4 IMPROVEMENTS	Recommended	Conformity Comments
Plan, design, construct, inspect and provide related equipment for improvements at existing staffed park facilities.	P 10	MINOR PROJECT: This is a miscellaneous fund for minor park improvements at various parks within this recreational district. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)
Plan, design and construct improvements (inclusive of energy conservation improvements) at existing staffed park facilities to ensure continued recreational programs and other recreational resources and provide construction inspection and related equipment.	D 120	
	C 850	
	I 15	
	E 5	
	<b>Total: 1,000</b>	
2005117 RECREATION DISTRICT NO. 5 IMPROVEMENTS	Recommended	Conformity Comments
Plan, design, construct, inspect and provide related equipment for improvements at existing staffed park facilities.	P 5	MINOR PROJECT: This is a miscellaneous fund for minor park improvements at various parks within this recreational district. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)
Plan, design and construct improvements (inclusive of energy conservation improvements) at existing staffed park facilities to ensure continued recreational programs and other recreational resources and provide construction inspection and related equipment.	D 10	
	C 175	
	I 5	
	E 5	
	<b>Total: 200</b>	

2002072 RENOVATE RECREATIONAL FACILITIES		Recommended	Conformity Comments
Plan, design, construct, inspect and provide related equipment for park improvements to existing park recreational facilities.	P	10	MINOR PROJECT: This is an islandwide miscellaneous fund to renovate various park recreational facilities. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)
	D	170	
Plan, design, construct and provide construction inspection and related equipment for improvements at existing recreational facilities, to include play apparatus and lighting system for playcourts, playfields, parking lots and walkways.	C	4,428	
	I	15	
	E	5	
Total:		4,628	

## RA Special Recreation Facilities

### DDC Design and Construction

2008028      BLAISDELL CENTER - ARENA DRESSING ROOMS		Recommended	Conformity Comments
Construct and provide construction inspection for arena dressing room improvements.		C	CONFORMING PROJECT: The Primary Urban Center PIM shows a Government Building Modification symbol (PIM No. 016) for improvements to Neil Blaisdell Center. The Primary Urban Center Development Plan recognizes Blaisdell Center as a major institutional facility. The project itself is a minor improvement.
		I	
Design and construct additional dressing rooms to provide adequate dressing room space and back stage space for touring shows using the Arena. This project will also relocate the rubbish compactor to the back of the Exhibition Hall and expand the storage area for the retractable Arena risers.		Total:	
		1,100	

2007019 DEPARTMENT OF ENTERPRISE SERVICES NPDES SMALL MS4 PERMIT PROGRAM		Recommended	Conformity Comments
Plan, design, construct, inspect and provide related equipment for NPDES improvements.	P	5	MINOR PROJECT: This is an islandwide miscellaneous fund for minor pollution-minimization improvements at various DES facilities. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)
	D	20	
Plan, design and construct improvements, which include vehicle and equipment wash racks; structural Best Management Practices (BMPs), and covered storage for heavy vehicles and oil products at the Blaisdell Center, Waikiki Shell, Honolulu Zoo, and six municipal golf courses. Funds will be used to satisfy the requirements associated with NPDES controls and retrofits.	C	55	
	I	10	
	E	10	
Total:		100	

1999012 ENTERPRISE FACILITIES IMPROVEMENTS		Recommended	Conformity Comments
Plan, design, construct and provide construction inspection for improvements to facilities such as the Neal Blaisdell Center and Waikiki Shell.	P	10	MINOR PROJECT: This is a miscellaneous fund for minor unspecified improvements at various DES facilities. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)
	D	30	
Design and construct improvements (inclusive of energy conservation improvements) for the Department of Enterprise Services facilities, such as, the Blaisdell Center and Waikiki Shell.	C	450	
	I	10	
	Total:	500	

2001053 GOLF COURSE IMPROVEMENTS		Recommended	Conformity Comments
Plan, design, construct and provide construction inspection and related equipment for improvements at municipal golf courses.	P	1	MINOR PROJECT: This is a miscellaneous fund for minor improvements at various municipal golf courses islandwide. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)
	D	26	
	C	475	
	I	17	
	E	5	
	Total:	524	
2009038 HONOLULU ZOO-HIPPO FILTRATION SYSTEM		Recommended	Conformity Comments
Design, construct and provide construction inspection for the Honolulu Zoo hippo filtration system.	D	5	CONFORMING PROJECT: The Primary Urban Center PIM shows a park modification symbol (PIM No. 014) for improvements to the Honolulu Zoo. The zoo, together with Kapiolani Park, is recognized by the Primary Urban Center Development Plan as a major recreational facility. The project itself is a minor improvement.
Hippopotamus facility needs a filtration apparatus, including tanks and catchbuckets.	C	1,500	
	I	95	
	Total:	1,600	
2001097 HONOLULU ZOO IMPROVEMENTS		Recommended	Conformity Comments
Plan, design, construct and provide construction inspection and related equipment for Zoo improvements.	P	5	CONFORMING PROJECT: The Primary Urban Center PIM shows a park modification symbol (PIM No. 014) for improvements to the Honolulu Zoo. The zoo, together with Kapiolani Park, is recognized by the Primary Urban Center Development Plan as a major recreational facility. The project itself is a minor improvement.
Design and construct improvements (inclusive of energy conservation improvements) at the Honolulu Zoo.	D	25	
	C	450	
	I	10	
	E	10	
	Total:	500	
2007044 HONOLULU ZOO - REPTILE/ AMPHIBIAN COMPLEX		Recommended	Conformity Comments
Design replacement reptile/amphibian complex.	D	300	CONFORMING PROJECT: The Primary Urban Center PIM shows a park modification symbol (PIM No. 014) for improvements to the Honolulu Zoo. The zoo, together with Kapiolani Park, is recognized by the Primary Urban Center Development Plan as a major recreational facility.
Design and construct a replacement of reptile/amphibian complex in keeping with the master planned improvements of the Zoo. The complex would connect the gateways of the American Tropical Forest, and serve as an educational resource of many of the world's fascinating ectothermic animals.	Total:	300	
Operating Impact: The capital improvements planned will not have an impact on the operating budget until construction of the proposed replacement facility. Additional current expense would then have an operating impact on the City's budget. The projected increase in current expenses consists of one time start-up cost: \$90,000 and annual recurring cost for additional electricity and supplies: \$18,000.			
2007025 TED MAKALENA GOLF COURSE - NEW CART PATHS		Recommended	Conformity Comments
Design, construct and inspect next increment of new cart path.	D	60	CONFORMING PROJECT: The Central Oahu PIM shows a golf course modification symbol (PIM No. 011) for improvements at Ted Makalena Golf Course. The Central Oahu Sustainable Communities Plan specifically calls for enhancing this golf course. The development of a new cart path is a minor improvement.
Plan, design, construct, and provide construction inspection for new cart paths throughout the golf course, replace existing asphalt cart paths with concrete paths, and relocate cart paths located in middle of fairways to the side, then restore fairway turf. Also, replace cart staging area with concrete and install wash rack to capture and dispose of cart washing rinseate.	C	500	
	I	5	
	Total:	565	

**17 UTILITIES OR OTHER ENTERPRISES****WA Mass Transit****DTS Transportation Services****2006018 ALAPAI TRANSPORTATION MANAGEMENT CENTER**

Design, construct and inspect a transportation management center.

The Alapai Transportation Management Center will optimize traffic management and emergency response coordination among Department of Transportation Services, State Department of Transportation, Honolulu Police Department, Emergency Medical Services, Honolulu Fire Department, and Oahu Civil Defense Agency. This program will reduce traffic congestion on the island of Oahu through the application of current technology in the operations of the county's traffic signal and Closed Circuit Television (CCTV) Systems. The existing traffic management center was inaugurated in 1985 with the construction of the Honolulu Traffic Management Center. Subsequent system upgrades at the primary urban with ensuing project phases focused on the integration and upgrade of traffic signal and CCTV systems in the outlying areas. Future expansion of the system will be implemented with the new center.

Recommended	
D	2,125
C	2,125
I	453
<b>Total:</b>	<b>4,703</b>

**Conformity Comments**

CONFORMING PROJECT: The Primary Urban Center PIM shows a government building symbol (PIM No. 125) for the Alapai office complex & transit center.

**1978005 BUS AND HANDI-VAN ACQUISITION PROGRAM**

Purchase buses and handi-vans.

To purchase heavy-duty transit buses and handivan vehicles. Projected purchases includes (25)<30' vehicles and (47) 40' buses.

Recommended	
E	21,897
<b>Total:</b>	<b>21,897</b>

**Conformity Comments**

EXEMPT PROJECT: The purchase of buses and handi-vans is exempt from needing a PIM revision. (ROH Section 4-8.1)

**2002501 BUS REHABILITATION**

Refurbish and repower buses.

To refurbish and repower buses to extend the use of the vehicles.

Recommended	
E	750
<b>Total:</b>	<b>750</b>

**Conformity Comments**

EXEMPT PROJECT: Refurbishing and repowering buses is not a type of project required to be shown on the PIM. (ROH Section 4-8.3).

**2001116 BUS STOP ADA ACCESS IMPROVEMENTS**

Plan, design, construct, inspect, purchase equipment and provide relocation for ADA improvements at various bus stops.

This is a continuation of projects to modify bus stops and bring them into compliance with the ADA.

Recommended	
P	1
D	270
C	600
I	25
E	1
R	1
<b>Total:</b>	<b>898</b>

**Conformity Comments**

EXEMPT PROJECT: Bus stop ADA access improvements at various locations are not a type of project required to be shown on the PIM. (ROH Sections 4-8.3)

**2001120 BUS STOP PAD IMPROVEMENTS**

Design, construct and inspect bus stop pads at various locations.

This is a continuation of projects to design, construct, and inspect bus pads at various locations.

Recommended	
D	150
C	800
I	25
<b>Total:</b>	<b>975</b>

**Conformity Comments**

MINOR PROJECT: This is an islandwide miscellaneous fund to install concrete road surfaces right at City bus stops. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)

2003007 BUS STOP SITE IMPROVEMENTS	Recommended	Conformity Comments
Acquire land, plan, design, construct, inspect and purchase equipment for bus stop site improvements at various locations.	L 1	EXEMPT PROJECT: Bus shelters and related improvements along the sidewalk are not a type of project required to be shown on the PIM. (ROH Section 4-8.3)
	P 5	
This is an ongoing program to improve bus stops, bus shelters, benches, and other improvements at various locations.	D 200	
	C 600	
	I 25	
	E 1	
	Total: 832	
2006004 KALIHI-PALAMA BUS FACILITY IMPROVEMENTS	Recommended	Conformity Comments
Plan, design, construct and inspect bus facility improvements.	P 1	MINOR PROJECT: The project is not considered major and does not need a PIM revision. It is limited to needed bus facility and equipment upgrades. It does not meet the PIM applicability criteria. (ROH Sections 4-8.3 and 4-8.4)
	D 100	
To plan, design, construct, and inspect for bus facility improvements. Improvements to the Unit Repair Facility includes repair and upgrade of the unit repair roof, service station, washer station, carpenter and upholstery buildings and other improvements as required.	C 1	
	I 20	
	Total: 122	
2006001 PEDESTRIAN - TRANSIT CONNECTIONS	Recommended	Conformity Comments
Plan, design, construct, inspect and purchase equipment for pedestrian improvements at various locations.	P 1	EXEMPT PROJECT: Pedestrian safety improvements are not a type of project required to be shown on the PIM. (ROH Section 4-8.3)
	D 50	
To provide for transit pedestrian safety at appropriate pedestrian crossings near bus stops.	C 200	
	I 25	
	E 5	
	Total: 281	
2008036 TRANSIT SAFETY AND SECURITY PROJECTS	Recommended	Conformity Comments
Plan, design, construct and purchase equipment for on-board security cameras and other security improvements.	P 1	EXEMPT PROJECT: The purchase of equipment is exempt from needing a PIM revision. (ROH Section 4-8.1)
	D 1	
To provide various security improvements and upgrades to existing and future transit facilities, assets, and systems. This may include, but not limited to, safety and security technological measures, i.e. alarms and cameras, contactless card capable security gate/alarm at bus facility entrances/exits; physical hardening, i.e. lighting, fencing, bollards; and communication systems, i.e. data voice, inter-operability and infra-structures.	C 1	
	E 413	
	Total: 416	